Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 134 OCTOBER 17, 1938 Number 16

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

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Drug-Chemical Section Will Meet Oct. 21-22

The business sessions of the Fall meeting of the Drug, Chemical and Allied Trades Section of the New York Board of Trade will be divided between matters of particular interest to the drug trade and others of more general interest especially to the chemical industry. The drug trade portion of the program will be devoted to discussions of the provisions of the Federal food, drug, and cosmetic act and of the advertising provisions of the Wheeler-Lea act; the desirability of uniformity in supplemental State legislation will also be discussed. The first discussion will be opened by Charles Wesley Dunn, counsel for the Associated Grocery Manufacturers and the American Pharmaceutical Manufacturers Association. The discussion of uniform laws will be opened by James F. Hoge, counsel for the Proprietary Association.

These discussions are scheduled for the afternoon of October 21. The meeting is to be held in Skytop, Pa., October 21 and 22.

The program for the October 22 afternoon session schedules an address on "Our Industrial Destiny," by H. R. Dissston, vice-president of the L. H. Gilmer Company, Tacony, Pa., who has long made a serious study of management problems.

Elmer F. Andrews, Federal administrator of the fair labor standards act, prevented by pressure of administrative duties from attending the meeting, is sending a special message on the wage and hour law, to be read and discussed at the session. The plans contemplate also a presentation on the monopoly investigation with special reference to the status of pricing policies.

Philip M. Dinkin, of the American Cyanamid & Chemical Corporation, chairman of the section, will open the business sessions; the proceedings will be under the direction of Hugh Craig, managing editor of the OIL, PAINT AND DRUG REPORTER, who is chairman of the committee on program.

The forenoons of the two days will be devoted primarily to golf; the qualifying round on the first day, and the tournament on the second. An attractive array of prizes has been provided by the golf committee under the leadership of Charles E. Kelly, of Hagerty Brothers & Co.

The committee on arrangements, headed by William D. Barry, of Mallinckrodt Chemical Works, has prepared a variety of interesting events, starting with a cocktail party the evening of October 20, and closing with a beefsteak roast on a Pocono hilltop the evening of October 22. Special provisions have been made for visiting ladies.

The "official" train will leave Hoboken on the D. L. & W. railroad at 4:00 p. m. October 20, and will have special entertainment features arranged by Robert B. Magnus, chairman of the committee on transportation. Other trains leave Hoboken at 10:00 a. m. and 6:45 p. m. Cresco is the station for Skytop. All trains will be met by conveyances.

Cities Service Co. Fire Causes $500,000 Loss

Linden, N. J., Oct. 13, 1938

A fire in the Cities Service Company refinery, near here, raged for eighteen hours before an army of 1,500 firemen and volunteers was successful in bringing it under control. No one was seriously injured. The loss was estimated unofficially at approximately $500,000.

An explosion in a 1,680,000-gallon tank set off the conflagration shortly after noon on October 12, and the flames by early evening had set fire to twenty other tanks, ranging in capacity from about 480,000 to 2,100,000 gallons. The Cities Service plant is located on Arthur Kill, north of the Rahway river. Adjoining it is the plant of the Sinclair Oil Company with thirty storage tanks on the grounds and nearby is the Standard Oil Company of New Jersey plant with 800 tanks, the largest refinery in the world.

Hazardous Trucking Hearing Nov. 21

OPD Washington Bureau
October 13, 1938

The final hearing on the proposed regulations, exparte MC-13, for the transportation of dangerous articles by motor truck has been postponed by the Interstate Commerce Commission from October 26 to November 21, in Washington.

The Manufacturing Chemists Association and the American Petroleum Institute recently petitioned the Interstate Commerce Commission to separate from this hearing the question of applying the regulations to private as well as to common and contract carriers. This petition was denied, but more time has now been allowed to prepare for the hearing.

Construction Industry Conference Oct. 20

OPD Washington Bureau
October 13, 1938

Plans for the holding of a Construction Industry Conference in Washington October 20 and 21 have been completed, according to John W. O'Leary, chairman of the executive committee of the United States Chamber of Commerce. The conference, called by the chamber's construction and civic development department in cooperation with the Construction League of the United States and with national trade associations in the construction field, will devote itself to the stimulation of private construction work.

The program of the conference, the first general meeting of all sections of the construction industry held in recent years, calls for a discussion of the following subjects:—Opportunities for employment of men and capital in construction work; a general policy for the construction industry; construction values; small homes; promotional plans of material and equipment producers; local efforts to stimulate residential building; modernization; the government and construction; rebuilding blighted areas; financing industrial construction; and financing home construction.

Representatives of labor organizations have accepted an invitation to attend the Conference and to participate in an informal conference on labor relations. A general luncheon meeting will be presided over by George W. West, president of the First Federal Savings and Loan Association, of Atlanta, and vice-president of the United States Building and Loan League, and a representative of the National Association of Mutual Savings Banks will speak. The speaker at the dinner meeting of the conference will be Dr. William McClellan, president of the Potomac Electric Power Company, Washington, and president of the American Engineering Council.

California Sales Tax Mandatory to Retailer

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States has dismissed an appeal in the case of Richfield Oil Corporation versus the People of California, in which the California Supreme Court held that a retailer is directly and solely responsible for taxes imposed by the California retail sales tax act, such liability being unaffected by invalidation of section four of the act giving the right to add the amount of the tax to sales prices under contracts entered into prior to enactment of the statute.

A suit to recover taxes claimed to be due under the act by reason of sales of fuel oil under contracts entered into prior to the enactment of the act brought a cross complaint by the oil company against consumers for the amount of tax, with the result that section four was held to be invalid.

Wage-Hour Law Intentions Explained by Administrator

OPD Washington Bureau
October 13, 1938

The first "interpretive bulletin" under the wage and hour law was issued today by Elmer F. Andrews, Administrator of Fair Labor Standards, giving a general statement as to the coverage of the act, which will take effect October 24.

The bulletin is not in the nature of a regulation, and its opening statement points out that the statutes does not confer upon the administrator any general power to issue rulings including industries within the coverage of the act. It is a general statement of the intent of Congress as interpreted by the administrator and his legal staff, and will be used as a guide in enforcement work, but specific questions are left for court interpretation.

The administrator should lean toward a broad interpretation of the coverage of the act, since Congress evidently intended to reach all employees within its regulatory power, it is stated. The bulletin points out that, since the act applies to employees "engaged in commerce or the production of goods for commerce," it becomes an individual matter as to the nature of the employment of the particular employee. All employees of an instrumentality of commerce or who are an essential part of the stream of commerce are included, it is said, such as employees of a warehouse used in the interstate distribution of goods.

All Occupations Included

The phrase, "production of goods for commerce," is interpreted as including most of the employees of manufacturing, processing, or distributing plants a part of whose goods moves in commerce out of a State. This is not limited to physical work on the goods themselves, but includes all occupations necessary to production, such as maintenance workers, watchmen, clerks, stenographers, and messengers. Generally, therefore, all employees of such a plant will be construed as coming under the law unless the employer undertakes to prove otherwise.

Several sets of regulations under sections of the act where regulations are specifically authorized will be issued by the Wage and Hour Division of the Department of Labor during the next week or ten days. The first will cover definitions of learners, apprentices, and handicapped workers, and will probably be followed by a specification of employment records which employers must keep.

Confusion Feared

The decision of the legal staff of the wage and hour division that the law does not permit issuance of general regulations is viewed with considerable alarm by representatives of trade associations and other observers. If detailed interpretations of the law can be obtained only through court decisions, they foresee a condition of administrative confusion which may lead to an early breakdown of the law. Employers who wish to comply fully and who adopt a broad interpretation of the act may eventually find they have guessed wrong and be subjected to penalties and retroactive deficiency-wage and overtime-

—Continued on page 33

Monopoly Study Discussed by O'Mahoney

The monopoly study started by the Temporary National Economic Committee is mainly a search for a formula looking toward the elimination of destructive competition, Senator Joseph C. O'Mahoney, of Wyoming, chairman of the committee, declared at a luncheon sponsored by the New York Board of Trade, in the Astor hotel, this city, October 11.

Senator O'Mahoney said that he was aware that among some business men there is a profound suspicion of what they call politicians and demagogues, a suspion, he said, exceeded only by that entertained by some politicians for what they call "monopolists." He added that this suspicion may be a helpful sign, for, he said, that whenever it is given expression we find that it is based upon the fear that the politician, either openly or covertly, intends to suppress the individual liberty of the business man.

The principal cause of our economic distress, the senator said, has been the general failure to recognize the distinction between natural persons and corporations. Because, he explained, we are inherently unwilling to restrict the activity of a flesh and blood person except in the most necessary instances, and he went on to say that the same scope has been given the artificial person, and as a result, he said, corporations have grown more powerful than any natural person ever could have become.

He said that the committee seeks to determine first the causes of concentration of economic power; second, the effect of price policies of industry upon trade, employment, profits and consumption, and, finally, the effect of existing tax, patent and other government policies upon the same things. This latter element will be given complete consideration, Senator O'Mahoney said.

Siam and U.S. Enter Commercial Treaty

OPD Washington Bureau
October 13, 1938

A new treaty of friendship, commerce, and navigation between the United States and Siam, signed in Bangkok last November, was placed in effect October 1, the State Department has announced. The treaty follows the lines of similar recent treaties with other countries and provides for most-favored-nation treatment in commercial matters. It is not a reciprocal trade agreement but provides that Siam will obtain the generalized benefits of such agreements with other countries.

Tariff Bargain Rule Against Germany Upheld

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States has refused to review a decision of the United States Court of Customs and Patent Appeals holding that the suspension provision in the reciprocal trade agreements act is inseparable from the generalization clause and therefore could not be attacked as an unconstitutional delegation of legislative power.

In the case of George G. Wislar versus the United States, the importer had protested duty assessed and collected on files imported from Germany, claiming the right to a lower assessment under the generalization clause of the act and the trade agreement with Sweden, which fixed the lower rate. The President had suspended the application of tariff bargain rates to products from Germany "because of its discriminatory treatment of American commerce or because of other acts or policies which in his opinion tend to defeat the purposes set forth in this section."

The importer claimed that the provision for suspension of proclaimed trade agreements is separable from the generalization clause and unconstitutional as a delegation of legislative power.

Closing Market Developments

Soda Bicarbonate Extended

A prominent producer of soda bicarbonate has extended current contract prices to cover 1939 requirements.

Blood Sells Higher

Dried blood sold in New York on Friday at $2.90 per unit. This was 10c. lower than the earlier asking figure, but 5c. higher than the preceding sale.

Wormseed Oil Reduced

New crop influences resulted in spot quotations on this item ending the week on the basis of $2.30 to $2.35 per pound. Marked unsettlement had been reported early in the period.

Cottonseed Oil Lower

Cottonseed oil futures were in downward trend late in the week, March dropping on Friday to 7.70c. and May 7.76c., showing a decline of about 35 points as compared with the previous Friday. Trading was active. Crude oil was slightly easier with sales reported in the Southeast at 5⅜c.

Tin Tetrachloride Higher

Anhydrous tetrachloride of tin was advanced fractionally to 23c. per pound later in the week. Other tin derivatives failed to show any change, but a firm undertone prevailed. Straits metal was quoted at 45.40c. per pound.

Roman Chamomile Higher

Prices on Roman chamomile closed the week higher at 30c. to 33c. per pound. Grains of Paradise continued to rise and 65c. per pound was the nominal quotation late in the period. Lycopodium was shaded to 95c. to $1 per pound, the result of new crop being offered. Lump asafetida was shaded to 23c. to 24c. per pound, while for powder 37c. to 38c. was noted.

Copper Oxides Higher

Black and red oxides of copper showed further fractional gains later in the week, with the black cuprous at 16¾c. to 17¾c. per pound; red commercial, 17½c. to 18¾c. per pound. This reflects the advance in copper to the 11¾c. per pound level on Friday. Other derivatives were firm and unchanged at levels established previously.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Alcohol Regulations:—Latvia has re-established the compulsory mixing of gasoline used for fuel purposes with 25 percent of alcohol.

Carburants:—A Brazilian decree-law establishes a tax of 0.090 milreis per liter on carburants delivered for consumption, as well as a general tax on imports and exports, amounting to one-fifth of one reis.

Dangerous Drugs:—Netherland Indies has issued its first list of imported and domestic medicines considered dangerous, which may be sold by prescription only.

Mineral and Oil Leases Paid U.S. $7,700,000

OPD Washington Bureau
October 13, 1938

Receipts from mineral leases, including petroleum, administered by the General Land Office, amounted to $6,553,405.95 during the fiscal year ended June 30, 1938, according to the Department of the Interior. Potash royalties and rentals brought in an additional $116,835.62 during the same period.

Royalties on naval petroleum reserves, under the management of the Navy Department, totaled $1,029,311 during the 1938 fiscal year, figures from that department show.

A comparison with the two preceding years show receipts from mineral leases amounted to $5,649,021.17 in 1937 and $4,380,177.38 in 1936; potash royalties and rentals totaled $117,916.45 in 1937 and $63,222.31 in 1936; while royalties from the naval petroleum reserves brought in $819,908 in 1937 and $683,698 in 1936.

The General Land Office notes that, while its oil lease receipts are not segregated from general mineral lease recepits, they constitute the major portion of these receipts.

Chemical Price Trend Indefinite

Advances and reductions in prices were made in almost all divisions of the market for heavy and fine chemicals last week. Their several effects on the general average were closely balanced. Advances in copper salts and the strychnine group were the more important developments.

Withdrawals of heavy chemicals broadened a bit more, and demand was some better in most divisions of the market. Business on the whole was at its best for this year. Some 1939 contract prices were announced, none of them being changes.

Prices were advanced on electrolytic copper, blue vitriol, carbonate, chloride, nitrate, and black and red oxides of copper, strychnine and its salts, zinc dust, gum turpentine, valonia cups, East African wattle bark, menhaden meal at Baltimore, and imported nitrogenous fertilizer stuff.

Prices were reduced on arsenate of lead west of the Rockies, phosphorus pentoxide, silicofluoride of soda, maleic acid anhydride, tricresyl phosphate, butyl ether, gum and wood rosins, J1 and J2 myrobalans, cocoa butter, podophyllin, and feeding tankage at Chicago.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 125.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 88.9, compared with 90.3 at this time last year and 89.0 in 1936.

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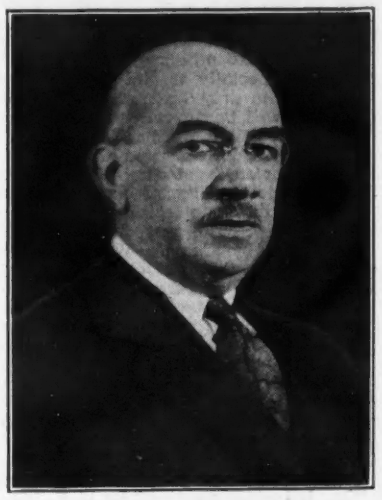
F.W.D.A. Re-elects All Its Officers

Chicago, Oct. 10, 1938

Combination deals, which afforded one of the major topics of discussion in the twenty-third annual meeting of the Federal Wholesale Druggists Association, were the subject of the following resolution adopted at the closing session October 8:—

Whereas, combination deals presented by manufacturers to retail druggists have created complications because of their multiplicity and unfavorable consequences; therefore, be it

Resolved, by the Federal Wholesale Druggists Association:—That we commend



R. E. Lee Williamson
Re-elected F.W.D.A. Secretary

the National Association of Retail Druggists for adopting a code for the proper operation of such deals for the guidance of its members; be it further

Resolved:—That we request manufacturers to confer with the National Association of Retail Druggists before the commencement of their deals in order that satisfactory results may be obtained for both manufacturers and retailers.

The annual election for officers and committee men resulted in the re-election of the following:—

President, George A. Raab, Providence, R. I.

Vice-president, S. C. James, Buffalo, N. Y.

Secretary, R. E. Lee Williamson, Baltimore.

Treasurer, O. J. Schmitz, Atchison, Kans.

Sergeant-at-arms, Paul Pearson, Washington.

Members of the executive committee, J. J. Dreyer, Newark, N. J.; Paul Pearson, Washington; W. W. Stephens, Toronto, Ont.; O. W. Osterlund, Philadelphia; O. J. Cloughly, St. Louis.

E. T. T. Williams, of Becton, Dickinson & Co., Rutherford, N. J., was re-elected chairman of the associate members (manufacturers) group.

Glidden Co. Buys Billings-Chapin

Cleveland, Oct. 10, 1938.

The manufacturing assets of the Billings-Chapin Company, manufacturer of paints and varnishes, Cleveland, have been sold to the Glidden Company, also of this city. The transaction does not include the plant and equipment of the Billings-Chapin Company, and the manufacturing operations will be transferred to the Glidden plant at Berea road and Madison avenue.

The newly acquired line will be handled by the Glidden Company in the Billings-Chapin division, of which Ralph M. Bennett, president of the Billings-Chapin Company, will be manager. A number of the older employees of the Billings-Chapin Company will be associated with the new Glidden division.

The Billings-Chapin Company, which specializes in marine paints, was founded in 1897 by the late Nathaniel D. Chapin, who was president of the company up to the time of his death November 29, 1937.

'Save the Surface' Golfers To Play October 18

The Fall meeting of 'Save the Surface' Golf Club of the New York Paint, Varnish and Lacquer Association will be held October 18 at the Winged Foot Golf Club, Mamaroneck, N. Y. H. B. McCreary is in charge of arrangements.

N.A.R.D. Will Fight For Chain Tax

Patman Bill to Be Major 1939 Legislative Objective —Combination Deals Scored

Chicago, Oct. 13, 1938

The National Association of Retail Druggists at its fortieth annual convention, in the Hotel Sherman here this week, enthusiastically endorsed the recommendation of its secretary, John W. Dargavel, setting the enactment of the Patman Federal chain stores tax bill as "Legislative Objective No. 1" of the association for the coming year. The association's action by resolution adopted at today's session followed not only Secretary Daryavd's recommendations made in his secretary's report, but also those of its Washington representative, Rowland Jones, and those of the bill's sponsor, Congressman Wright Patman of Texas, who addressed the convention, Tuesday .

In outlining the association's plans in support of the chain store tax bill, Secretary Dargavel stated that the organization was entering into the greatest fight of its long career, but said:—

It is our belief that this is the psychological moment to strike at absentee ownership and control of distribution. We believe that it is consistent with statements made by administration spokesmen. We have a very good opportunity of passing this legislation. The bill's author has stated that, if he receives the support he did during the fight on the Robinson-Patman bill, this legislation can be passed.

Congressman Patman in his address, which was broadcast, answered the statement of the Great Atlantic & Pacific Tea Company in opposition to the chain store tax bill, which was published in newspapers a few weeks ago. Congressman Patman condemned the concentration of great fortunes in the hands of a few persons and declared that the chain-store system led to monopoly in distribution. He predicted success for his bill over the propaganda of the chains and urged members of the association to aid the fight.

At the conclusion of his address the retail druggists sang a new campaign song, written for the chain store fight, to the tune of "Three Blind Mice," and consisting of a dozen verses which speak in derogatory fashion of chain stores and their owners and center around the refrain, "Patman's Right—Join the Fight."

Rowland Jones in his address carried the weight of the economic basis for the regulation of chain store expansion, quoting facts and figures to support the association's program, although he hinted that its drastic provisions might be modified in such a way as not to legislate existing stores out of business, but rather to "freeze" chain stores at their present level.

Other Resolutions

The action of the association urging its membership to unite in the drive to pass the Patman bill was but one of thirty-eight resolutions which were passed. In the others the association took the following actions:—

Expressed profound interest in all plans proposed for extending medical care; pledged cooperation in devising suitable plans for the utilization of existing agencies in such extension; urged the retention of the free choice of physician, dentist, nurse, and pharmacist by the patient in whatever system may be adopted; and asked the executive committee to seek representation in any conference or committee of State or national importance on this question to assure adequate pharmaceutical service to persons in all income groups. In another resolution the executive committee was asked to ap-

—*Continued on page* 48

Drug Industry to Get Walsh-Healey Hearing

The Public Contracts Board of the United States Department of Labor will hold a public hearing October 20 for the drug and cosmetic industries under the Walsh-Healey act. The hearing is scheduled for 10:00 a.m. in room 3229 of the Department of Labor building, Washington. The purpose of the hearing is to determine prevailing minimum wages in the industries.

Members of the industry may appear in person or by duly appointed representatives. Employers and employees will be heard.

Drug Rules Hearing Will Open Nov. 17

OPD Washington Bureau
October 14, 1938

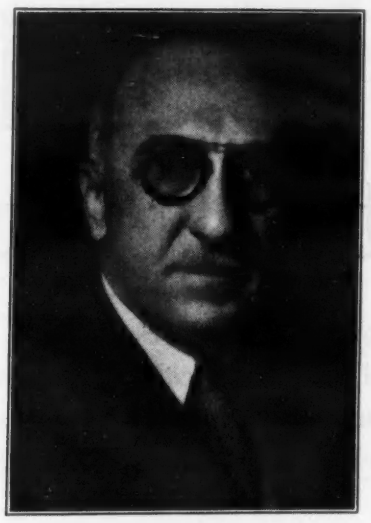
Hearings on regulations under the new food, drug, and cosmetic act will be opened here November 17, according to plans perfected by the Food and Drug Administration.

Formal announcement of the hearings will be made in a day or two, and copies of proposed regulations covering all general sections of the new law will be distributed to the trades early next week. The regulations submitted will be in tentative form, and the hearings are designed to receive criticisms and suggestions for changes.

National Agrol Buys Atchison Agrol Co.

As the initial step in the expansion of the power alcohol industry, the National Agrol Company, this city, has purchased the plant of the Atchison Agrol Company, Atchison, Kans., according to John Orr Young, president of the Atchison company, who has also been elected president of the National Agrol Company, which was recently formed under the laws of Delaware to manufacture chemicals and chemical compounds, with a capital of $5,100,000.

Through the acquisition of the Atchison company, the National Agrol organization becomes the exclusive business agent for the Chemical Foundation



John Orr Young

on the production and sale of power alcohol, inasmuch as the Chemical Foundation holds the patents on power alcohol.

The first "Agrol" plant was established in Atchison, Kans. in 1936 by a group of nationally-known scientists, headed by Dr. Leo M. Christensen, formerly of Iowa State College, working under the direction of the Chemical

—*Continued on page* 32

Dr. Sturges to Direct Distillers Institute

Dr. Wesley A. Sturges, Lines professor of law at Yale University, was elected executive director of the Distilled Spirits Institute by the board of directors at a meeting October 11. He will assume his new duties before the end of this month and will make his headquarters in the offices of the institute in Washington.

Dr. Sturges was graduated from the Columbia Law School in 1919, and received his LL.D. degree from Yale University in 1921. He has practiced law and has been a professor at Yale since 1923. His talents have been devoted in large measure to arbitration. He is a director of the American Arbitration Association, a member of the editorial board of the *Arbitration Journal*, and a director in the United Corporation. He was the impartial member of the motion picture code authority in Connecticut and a special representative of the Agricultural Adjustment Administration in Hawaii in connection with the Jones-Costigan sugar act.

Squibb Research Institute Dedicated to Pure Science

Some 1,200 scientists and industrialists representing many fields of applied science attended the ceremonies of the dedication of the Squibb Institute for Medical Research in New Brunswick, N. J., October 11. The ceremonies were held in the gymnasium of Rutgers University following a reception and luncheon by executives of E. R. Squibb & Sons, pharmaceutical manufacturer, the founder of the institute.

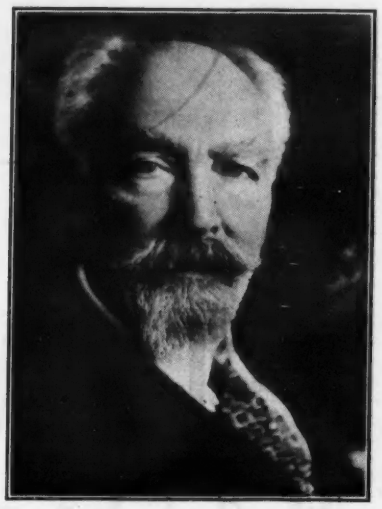
Carleton H. Palmer
President, E.R. Squibb & Sons

The purposes of the Squibb institute were lauded by a number of eminent members of the medical group of scientists, two of them winners of the Nobel prize in medicine, who spoke at the dedication. The value of the services of pure scientific research to industry, to the general economy, and to human welfare was adduced by the speakers in their prophecies of notable service by the new institute.

Welcoming the visitors to the dedication, Carleton H. Palmer, president of E. R. Squibb & Sons, said that the institute stood separate and distinct from the business activities of the company; that it would not take the place of any of the Squibb manufacturing research, but would be conducted in the interests of science alone.

The House of Squibb

A concise history of the House of Squibb from its modest foundation by Dr. Edward R. Squibb eighty years ago was given by Theodore Weicker, chairman of the company's board of directors. Mr. Weicker told how Dr. Squibb, first in a laboratory at the Brooklyn naval hospital, had set himself to the duty of providing the government with reliable medicaments. Blocked in his work as a government employee by the still popular cry against governmental competition with private enterprise, Dr. Squibb was persuaded and financially aided by leaders in governmental and private medical practice to establish a laboratory to provide drugs of assured purity and value. Despite a totally destructive fire and other obstacles he had eventually established the pharmaceutical business that is now E. R. Squibb & Sons.



Theodore Weicker
Chairman of Board, E.R. Squibb & Sons

From the yesterday of eighty years ago Mr. Weicker turned to today when, he said, "is born the Squibb Institute for Medical Research, a separate and distinct and independent organization, under its own control," to be devoted to "unhampered scientific studies in the various fields of biology which have a possible bearing on the study and cure of disease." Mr. Weicker dedicated the Squibb institute to scientific medicine, to aid in the prevention or cure of disease and the relief of human suffering.

Purpose of the Institute

The conception and organization of the Squibb institute were described by Dr. John F. Anderson, vice-president of the company in charge of biological operations. In general reference to the purposes of the undertaking, Dr. Anderson said:—

The management of the House of Squibb has conceived and is carrying through to completion something which I believe to be an entirely new departure for any biological and pharmaceutical house, at least in this country. That is, the building and organization of an institute for pure research, the motivation of which will not be the investigation of matters of immediate practical use alone, but the study of problems, the selection of many of which may be unrelated to such practical use. Problems for investigation will be chosen by those working in the institute because of their intrinsic scientific interest, just as is the practice in universities or other institutes of research.

Squibb has realized that it is such unimpeded research which has given to the world a large part of the fundamental discoveries which have so favorably affected modern life. Therefore, it should not be thought that such fundamental research need be sterile of even immediate practical value. However, our principal desire is to create a new source from which will flow scientific studies of unquestionable value without any reference whatsoever to their immediate practical application.

It is our hope and belief that the work to be undertaken and carried to completion in the Squibb Institute for Medical Research will help to push back a little bit further the curtain of the unknown, and ultimately add to the total of human happiness.

—*Continued on page 63*

Abbott Laboratories Opens Research Unit

Chicago, Oct. 10, 1938

An impressive list of leaders in the fields of medicine, pharmacy, education, research, and pharmaceutical manufacturing participated in the dedication of the new research laboratories of

S. De Witt Clough
President, Abbott Laboratories

Abbott Laboratories, in North Chicago, October 7. Guests journeyed to the laboratory from Chicago by bus and inspected the facilities and equipment during the forenoon, following which they had lunch in the company restaurant, and then gathered in the impres-

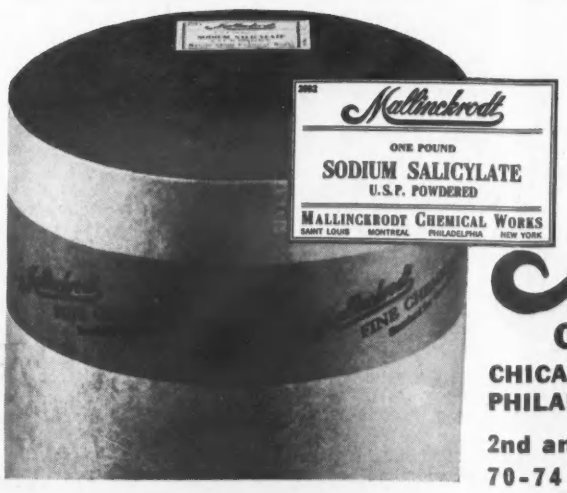
—*Continued on page* 52

Oh, Chemist, Spare That Tree!
COMPARATIVELY LITTLE BIRCH NOW GOES TO MAKE SALICYLATES. THE CHEMIST SOLVED THE PROBLEM OF PRODUCING THESE CHEMICALS SYNTHETICALLY SOME TIME AGO. IN DOING SO, HE MADE SALICYLATES AVAILABLE AT A DECIDEDLY LOWER COST.

TOWERING QUALITY
Mallinckrodt Salicylates

EVERY Mallinckrodt Salicylate conforms to U. S. P. or N. F. specifications. Their uniform physical and chemical characteristics minimize production problems in pharmaceutical manufacture and assure uniformity of therapeutic effectiveness in lot after lot of the finished products.

Acid Acetylsalicylic U. S. P.—*Powdered, granulated, and granulated containing starch.*
Acid Salicylic U.S.P.—*Powdered, and needle crystals.*
Ammonium Salicylate U.S.P.—*Crystalline granules.*
Methyl Salicylate U.S.P.—*Clear liquid.*
Salol U.S.P.—*Crystals, and powdered*
Sodium Salicylate U.S.P.—*Crystals, and powdered.*
Strontium Salicylate N. F. VI—*Powdered.*



For Comparison Samples and Mallinckrodt Monthly Chemical Price List
Consult St. Louis or New York Office

Mallinckrodt
CHEMICAL WORKS
CHICAGO MONTREAL
PHILADELPHIA TORONTO
2nd and Mallinckrodt Streets, St. Louis, Mo.
70-74 Gold Street, New York, N. Y.

Mark your calendar for Friday and Saturday, October 21 and 22, 1938, to attend the Third Annual Meeting and Golf Tournament of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, Inc., at Skytop Lodge, Skytop, Pa.

Current Market Quotations

All matter under this heading fully protected by copyright

When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

Acacia—Alum

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd.....lb. .16 - —
Acetamide, CP, kgs., 1,000 lb. lots, dlvd..lb. .44 - —
tech., kgs, 1,000 lb. lots, dlvd. lb. .39 - —
Acetanilide, tech., bbls.....lb. .22 Nom.
95% bbls. .....lb. .29 Nom.
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs, 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¾- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kegs, 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l.....lb. .08¾- —
l.c.l. .....lb. .09 - .12
Acetic, comi, or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys..100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., Acetic, anhydride, dms., c.l., frt. alld..lb. .10¼- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more...lb. .55 - .58
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
U.S.P., $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms.....lb. .35 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17¼- .18
Chinawood oil, dms.....lb. .16 Nom.
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N. Y...lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .22 - —
10,000 lb., lots, one shipt., lb. .22½- —
smaller lots .....lb. .23 - —
kegs .....lb. .23½- —

Acid, citric, anhyd., gran, dms., 10,000 lbs. 1 shipt..lb. .25 - —
smaller lots .....lb. .25½- —
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06¾- .07¼
tanks .....lb. .06¼- —
Cresylic, high-boil, dom., c.l., works, frt. equaled..gal. .73 - —
l.c.l., same basis.....gal. .74 - —
low-boil, dms., c.l., works frt. equaled..gal. .78 - —
l.c.l., same basis.....gal. .80 - —
imported, pale, dms.....gal. .65 - .66½
dark, dms.....gal. .60 - .70
Crotonic, bbls., dlvd.....lb.* .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11¼- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1340
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls. .....lb. .45 - —
Hempseed oil, dms.....lb. .1180- .1230
Hydriodic, 47%, bots.....lb. 2.80 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade .....lb. .12¾- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12¼
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls. .....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1090- .1140
extra white, dist., dms....lb. .12¼- .13
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs....lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys....lb. .06¼- —
6-lb. bots.....lb. .18¾- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280, dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —

Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .22¼- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14¼
Phenylacetic, bots. .....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls. .....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.65
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09¼
Stearic, distil., double pressed, bgs., dlvd..lb. .10¼- .11½
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11¾
triple pressed, bgs., dlvd.lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .16
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16¾- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27½- —
smaller quantities.....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.60 - 2.85
tech., kgs., works.....lb. 1.65 - 1.75
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .85 - .90
2, bls. .....lb. .80 - .85
3, bls. .....lb. .63 - .65
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .18 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
lots..lb. .88 - —
smaller lots, same basis, lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago, frt. alld. lb. .52 - .60
import, bgs. .....lb. .50 - —
Egg, ed., dom., cryst., bbls., lb. .78 - .80
dom., pwd., dms., bbls., lb. .83 - .85
import, cs.....lb. .78 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .116 - —
l.c.l., frt. alld.....lb. .126 - —
tanks, frt. alld.....lb. .106 - —
Benzyl, cans.....lb. — - —
drums .....lb. .68 - —

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100 lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
comi., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots. .....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .34 - —
l.c.l., works, dms.....gal. .38 - —
tanks, E., works.....gal. .26 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .31 - —
19 bbls., E. works...gal. .33 - —
gal. .36 - —
gal. .35 - —
dms., c.l., E. works....gal. .30 - —
19 dms., E. works...gal. .32 - —
1 to 18 dms., E. works, gal. .35 - —
tanks, E. works.....gal. .24 - —
Anhydrous, 5c. per gal. higher.
SD23-G, works, E., dms.gal. .34½- —
19 dms.....gal. .36½- —
1 to 18 dms.....gal. .39½- —
tanks .....gal. .28½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works..gal. .31 - —
20 dms., E. works...gal. .33 - —
1 to 19 dms., E. works, gal. .36 - —
tanks, E. works.....gal. .25 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, dlvd. .....lb. .10¼- —
tech., contract, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11 - —
tanks, dlvd. .....lb. .09½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.57½- —
19 bbls.....gal. 4.59½- —
1 to 18 bbls.....gal. 4.62½- —
dms., c.l.....gal. 4.56½- —
19 dms.....gal. 4.58½- —
1 to 18 dms.....gal. 4.61½- —
tanks .....gal. 4.50½- —
absolute, dms, c.l.....gal. 4.80 - —
19 dms.....gal. 4.91 - —
1 to 18 dms.....gal. 4.94 - —

Grain alcohol 25c. per gal. higher

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .08¼- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07¼- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .33½- —
l.c.l., same basis.....gal. .38½- —
tanks, same basis.....gal. .28½- —
99%, dms., c.l., same terms, gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .40 - .42
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .20 - .22
Curacao, cs.....lb. .35 - .37
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - —
100-lb. kgs.....lb. 2.67 - —
25-lb. fib. dms.....lb. 2.74 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bbls....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y. Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —
powd., bbls., works...100 lbs. 3.55 - —
dlvd., N. Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse

Alum Ammon.—Arrowroot

Alum, ammonia (cont.):—
deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works.. 100 lbs.	3.40-	3.65
dlvd. N.Y., Phila..100 lbs.	3.40 -	—
lump, bbls., works....100 lbs.	3.65 -	3.90
dlvd. N.Y. Phila..100 lbs.	3.65 -	—
powd., bbls., works....100 lbs.	3.80 -	4.05
dlvd. N.Y., Phila..100 lbs.	3.80 -	—
Potash alum prices on same basis as those for ammonia alum.		
Potash-chrome, bbls.....lb.	.06¼-	.06½
Soda, bbls., c.l., works..100 lbs.	3.25 -	—
l.c.l., dlvd.....100 lbs.	4.25 -	5.00
Alumina acetate, 20% normal solut., bbls., c.l.. dlvd..lb.	.07½-	—
l.c.l., dlvd.....lb.	.09 -	—
33%, basic solut., bbls., c.l., dlvd..lb.	.10 -	—
l.c.l., dlvd.....lb.	.12 -	—
basic powd., bbls., dlvd.....lb.	.40 -	—
smaller containers, dlvd. lb.	.50 -	—
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb.	.06 -	—
12,000 to 40,000 lbs, works..lb.	.07 -	—
1,100 to 11,000 lbs., works. lb.	.08 -	—
140 to 875 lbs., works.lb.	.09 -	—
100 lbs., or less, works.lb.	.10 -	—
cryst., com'l, dms., c.l., works lb.	.06 -	—
l.c.l., dms., works.....lb.	.06¼-	—
solution, 32 deg., cbys., c.l., works..lb.	.02¾-	—
l.c.l., cbys., works.....lb.	.03¼-	—
Alumina, formate, 30% solut., bbls., c.l., dlvd..lb.	.13 -	—
l.c.l., dlvd.....lb.	.15 -	—
Hydrate, heavy, bbls., c.l., works..lb.	.0290-	—
l.c.l., bbls.....lb.	.03½-	—
bgs., c.l.....lb.	.0260-	—
light, bbls., dlvd.....lb.	.12 -	—
Oleate, dms., contr.....lb.	.16¾-	—
open order.....lb.	.17½-	.18½
Palmitate, precip., bbls.....lb.	.23 -	—
Resinate, precip., dms., dlvd.lb.	.15 -	—
Stearate, precip., bbls., ctns., c.l..lb.	.19 -	—
l.c.l., ton.....lb.	.20 -	—
less than ton.....lb.	.21 -	—
Sulphate, com'l, bgs., c.l. works, frt. equaled..100 lbs.	1.15 -	—
l.c.l., works, frt. equald.. 100 lbs.	1.40 -	—
bbls., c.l., works, frt. equald. 100 lbs.	1.35 -	—
l.c.l., works, frt. equald. 100 lbs.	1.60 -	—
iron-free, bgs., c.l., works... 100 lbs.	1.30 -	—
l.c.l., works....100 lbs.	1.55 -	—
bbls., c.l., works....100 lbs.	1.50 -	—
l.c.l., works.....100 lbs.	1.75 -	—
Aluminum, 98-99%, c. l.....lb.	.20 -	—
l.c.l. .....lb.	.21 -	—
paste, lining, extra fine, dms., 1,500 lbs..lb.	.65 -	—
ink, dms., 1,500 lbs....lb.	.75 -	—
standard, dms., 1,500 lbs..lb.	.43 -	—
powder, lining, extra fine, dms., 1,500 lbs..lb.	.92 -	—
standard, dms., 1,500 lbs.lb.	.57 -	—
litho, extra brilliant, dms., 1,500 lbs..lb.	.43 -	—
extra fine, dms., 1,500 lbs.lb.	.47 -	—
lining, dms., 1,500 lbs....lb.	.57 -	—
standard, dms., 1500 lbs..lb.	.42 -	—
Aluminum, powder, rubber compound, dms., 1,500 lbs..lb.	.40 -	—
unpolished, dms., 1,500 lbs.lb.	.37 -	—
varnish, extra brilliant, dms., 1,500 lbs..lb.	.43 -	—
extra fine, dms., 1,500 lbs.lb.	.47 -	—
standard, dms., 1,500 lbs.lb.	.42 -	—

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for400-1,500 lbs., for partial shipments on contracts, prices are 8c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

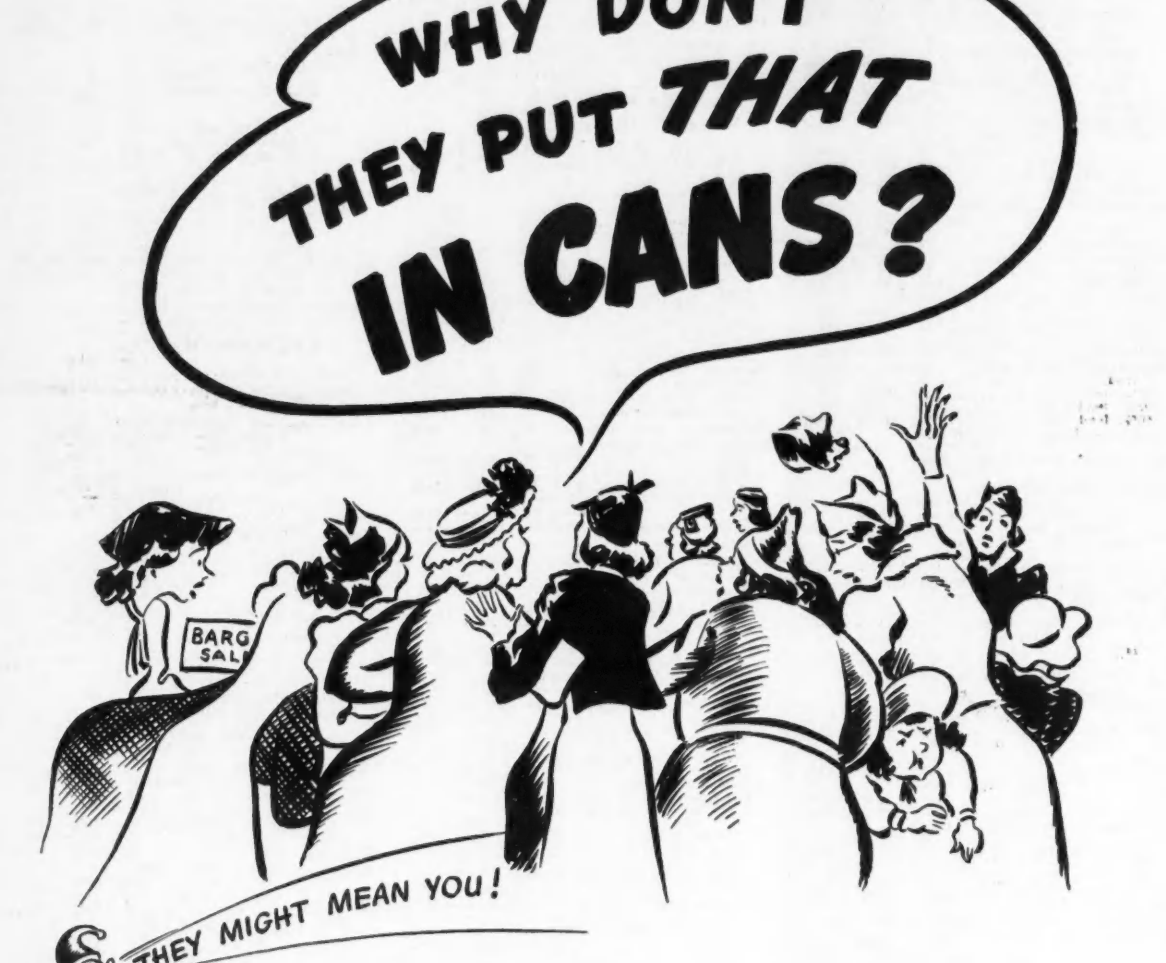
Ambergris, gray, tins.....oz.	17.00	-36.00
Aminopyrine, fib., dms., 100 lbs. lb.	4.00 -	—
bots., 5 lbs. .....lb.	4.22 -	4.25
Ammonia, acetate, bbls., kgs., dlvd..lb.	.27 -	.33
dms., dlvd.....lb.	.23 -	.26
Aldehyde, dms.....lb.	.65 -	.70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.). works..lb.	.04¼-	—
refrigeration, tanks, works.. lb.	.05 -	—
pure, cyls., dlvd., met. N.Y.. lb.	.16 -	.22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb.	.05 -	—
dms., c.l.....lb.	.02 -	—
Ammonia, aqua, 26°, dms., l.c.l. lb.	.02¼-	—
tanks (on NH_3 content), dlvd., E..lb.	.05½-	—
Benzoate, dms., 4,000 lbs. or more..lb.	.41 -	.42
1,000 lbs. to 3,900 lbs....lb.	.42 -	.43
900 lbs. or less.....lb.	.45 -	.46
kgs., 4,000 lbs. or more....lb.	.40 -	—
1,000 lbs., to 3,900 lbs...lb.	.41 -	—
900 lbs. or less.....lb.	.44 -	—
Bicarbonate, bbls., c.l., works.. 100 lbs.	5.15 -	—
l.c.l., dlvd. N. Y....100 lbs.	5.71 -	—
Bichromate, bbls.....lb.	.32 -	—
Bifluoride, bbls.....lb.	.14½-	.16½
Borate, bbls., kgs.....lb.	.15 -	.16
Bromide, gran., bbls.....lb.	.35 -	—
bxs. .....lb.	.38 -	.39
kgs. .....lb.	.36 -	—
Carbonate, tech., dom., bbls. lb.	.08 -	.12½
imported, csks. .....lb.	.08 -	.12½
USP, lump, dms.....lb.	.08 -	.17
powd., bbls., dms.....lb.	.09 -	.25
Chloride, tech. (see Ammoniac, sal).		
USP, gran., 225 lb. bbls....lb.	.12 -	.13
100 lb. kgs. .....lb.	.15 -	—
Citrate, dms.....lb.	.80 -	—
cns. .....lb.	.85 -	—
Fluoride, bbls.....lb.	.17 -	.19
Hydroxide, (see Ammonia, aqua).		
Hypophosphite, fib., dms....lb.	1.10 -	1.17
jars .....lb.	1.20 -	—
Iodide, 5-lb. bots.....lb.	3.52 -	—
jars .....lb.	3.45 -	—
Laurate, bbls. .....lb.	.28 -	—
Linoleate, 80%, anhyd., bbls.lb.	.12 -	.15
Molybdate, kgs., wks.....lb.	1.05 -	1.20
Naphthenate, bbls. .....lb.	.17 -	—
Nitrate, tech., bgs., c.l., works. 100 lbs.	3.60 -	—
l.c.l., works.....100 lbs.	3.85 -	—
bbls., c.l., works.....100 lbs.	3.80 -	—
l.c.l., works.....100 lbs.	4.05 -	—
Oleate, dms.....lb.	.14 -	.15
Oxalate, neutral, cryst., powd., bbls., kgs..lb.	.19 -	.20
Perchlorate, kegs.....lb.	.18 -	—
Persulphate, kgs.....lb.	.21 -	.23
Phosphate, dibasic, N.F.V., bbls., lb.	.37 -	—
kgs. .....lb.	.39 -	—
tech., bbls., c.l. .....lb.	.07½-	—
l.c.l. .....lb.	.09 -	.10
monobasic, crude (fert. grade), 11% N 18% phos. bulk, f.o.b. E. works.. unit-ton.	1.20 &	.70
pure, bbls. .....lb.	.40 -	.45
tech., bbls., c.l. .....lb.	.07½-	—
l.c.l. .....lb.	.09 -	.10
Ricinoleate, bbls. .....lb.	.15 -	—
Salicylate, U.S.P., kgs.....lb.	1.15 -	1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb.	.09 -	—
5 bbls., same basis.....lb.	.08½-	—
Stearate, anhydrous.....lb.	.22 -	—
paste .....lb.	.07 -	—
Sulphate, dom., bulk, c.l., f.o.b. October shipt.....ton.	27.25 -	—
November shipt....ton.	27.50 -	—
December shipt....ton.	27.75 -	—
Jan.-June, 1939 shipt.. ton.	28.00 -	—

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-40%, basis 100%, dms,. works..lb.	.13 -	.18
tanks, delvd. .....lb.	.11 -	—
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.....lb.	.14 -	—
smaller lots, works.....lb.	.16 -	—
pure, 99-100%, kgs. .....lb.	.55 -	—
Ammoniac, gum (see Gum, ammoniac).		
Sal. gray, dom,, bbls., c.l., 100 lbs.	5.50 -	5.75
l.c.l. .....100 lbs.	6.00 -	6.75
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs.	4.90 -	5.05
import, csks. .....100 lbs.	4.90 -	5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb.	.10½-	—
l.c.l., dlvd.....lb.	.11 -	—
tanks, dlvd.....lb.	.09½-	—
cns., works.....lb.	.15 -	.17
ex pentane, dms., frt. alld.lb.	.11 -	—
l.c.l., frt., alld.....lb.	.12 -	—
tanks, frt., alld.....lb.	.10 -	—
Alcohol (see Alcohol amyl).		
Butyrate, dms., 50 gal., returnable..lb.	.75 -	—
Caproate, cns.....lb.	2.75 -	—
Chloride, normal, dms., works, lb.	.56 -	—
small lots, works.....lb.	.68 -	—
mixed, tech., dms., c.l., works..lb.	.07 -	—
l.c.l., works.....lb.	.077 -	—
tanks, works.....lb.	.06 -	—
Cinnamic aldehyde, cns.....lb.	2.00 -	2.25
Nitrite, bots.....lb.	1.80 -	1.85
Mercaptan, dms., l.c.l., works.lb.	1.10 -	—
Oleate, dms., l.c.l., works...lb.	.25 -	—
Salicylate, bots., 5 lbs.....lb.	.61 -	—
cns., 25 lbs.....lb.	.51 -	—
Stearate, dms., l.c.l., works..lb.	.26 -	—
Amylene, dms., c.l., works....lb.	.102 -	—
l.c.l., works.....lb.	.11 -	—
tanks, works.....lb.	.09 -	—
Anethol, bots. .....lb.	1.00 -	1.05
Angelica root, dom., bls.....lb.	.18 -	.20
import, natural, bls.....lb.	.20 -	.22
twisted, bls.....lb.	.30 -	.40
Angostura bark, bls.....lb.	.30 -	.31
Anilin oil, dms., c.l.....lb.	.15 -	—
l.c.l. .....lb.	.16 -	—
tanks .....lb.	.14½-	—
Salt, dms., works.....lb.	.22 -	.24
Anise, Spanish, bgs.....lb.	.16½-	.17
Star, bgs. .....lb.	.12½-	.13
Anisic aldehyde, bots.....lb.	2.00 -	2.10
Annatto paste, bxs.....lb.	.34 -	.39
seed, bgs .....lb.	.07½-	.08
Anthracene, 80-85%, wks.....lb.	.40 -	—
Anthraquinone, 99.5%, subl., bbls., lb.	.65 -	—
Antimony butter (see Antimony chloride)		
Chloride, solut., cbys.....lb.	.17 -	—
Metal, spot.....lb.	.12 -	—
Needle, powd., ton lots, bulk, lb.	.12½-	—
bbls. .....lb.	.13½-	—
Oxide, bbls., c.l.....lb.	.11½-	—
l.c.l. .....lb.	.12½-	—
Salts, 65%, kgs.....lb.	.26 -	.27
White, pigment, bgs., c.l., Texas works, frt. alld to ½c..lb.	.11½-	.14½
Antipyrene, bbls., kgs., ton lots, lb.	2.00 -	—
smaller lots.....lb.	2.10 -	2.15
Apomorphine, bots.....oz.	23.20	-33.70
Archil extract, con., bbls.....lb.	.21 -	.27
double, bbls.....lb.	.18 -	.20
triple, bbls.....lb.	.18 -	.20
Areca nuts, powd., bbls.....lb.	.11 -	.13
Arecoline hydrobromide, bots..oz.	4.35 -	4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos.	32.00	-34.00
Arnica flowers, bls.....lb.	.29 -	.30
Root, bls.....lb.	.38 -	.40
Arrowroot, St. Vincent, powd., bgs..lb.	.08 -	.09½
bbls. .....lb.	.08¼-	.09



Many a manufacturer has wished his product could have the protection of a can—its sturdiness that prevents breakage—its lighter shipping weight—its greater display value—and the greater salability that comes of convenience to the consumer. The only thing that stopped him was the thought that his product couldn't be packed in tin.

We've been able to show a lot of such manufacturers how they could secure these advantages—how we could make a can that would meet every practical requirement of their product. Our research laboratories and development department are constantly working out such problems. They are level-headed and use common sense about it. If it looks as though the product shouldn't be in cans, they'll say so frankly. But they've been able to surmount a great many of the difficulties among the packaging problems presented to them. They'll be glad to work on yours.

CONTINENTAL CAN COMPANY

NEW YORK · CHICAGO · SAN FRANCISCO · MONTREAL · TORONTO · HAVANA

Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16¾
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
L c.l. .....lb. .03¾-
Asafetida, cs.....lb. .23 - .24
powd., bbls., bxs.....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 6M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (20 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (20 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton.14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery...ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.80 - —

B

Balm of Gilead buds, bgs....lb. .25 - .28
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton.41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton.43.00 -45.00
precip., bgs., c.l., works..ton.52.50 - —
bbls., works.....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
bbls., works.....ton.62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16¾- .17¾
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis. ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton.87.00- —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
bbls., l.c.l., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. 11½- .13
Fluosilicate, bbls.....lb. .11½- .12
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¼
Iodide, bots. .....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks. .....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City .....ton.30.93 - —
Los Angeles .....ton.42.00 - —
New York .....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Barytes, dom., southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .13 - .17
Root, bls. .....lb. .11 - .12
Bentonite, 200 mesh, bgs., Wyo. works..ton.11.00 - —
325 mesh, bgs., Wyo. works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
W. coast, f.o.b., Minnequa, Colo..gal. .16 - —
Benzoyl chloride, dms.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms. .....lb. .89 - —
Benzyl chloride, 95.97%, refd., dms..lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.00
Benzylidineacetone, bots.....lb. 2.20 @ 3.50
Berberine bisulphate, cns.....lb.16.75 - —
Hydrochloride, cns.....lb.16.75 - —
Sulphate, cns.....lb.16.75 - —
Berberis root, bls.....lb. .14 - .15
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .22 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .18 - .19
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib. dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.62 - 1.88
fib. dms.....lb. 1.53 - 1.56
X-ray, 5-lb. bots.....lb. 2.42
fib. dms .....lb. 2.36
Subgallate, bots., cns.....lb. 1.67 - 1.93
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 -
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns. lb. 1.42 - 1.68
fib. dms.....lb. 1.38 - 1.36
Subsalicylate, 62-66%, bxs....lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 6.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots.. lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1. bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12¼- —
2. bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3. bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4. bbls., c.l., frt. alld. E..lb. .08¾- —
l.c.l., frt. alld. E.....lb. .09 - —
5. bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6. bbls., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7. bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8. bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
Bone black prices on Pacific Coast are 1c. per lb higher ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l, dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .15½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd. .....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¾- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
Black, carbon, standard, bgs, or ctns. (sellers option), l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works.....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .80 - .85
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .06¼- —
Black dyes are listed under dyes.
Black haw, root bark, bls....lb. .23 - .26
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.90 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.00 - —
import, bgs., c.i.f. ports, shipt., unit-ton.3.10 - 3.20
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .13 - .14
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ¼c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.: El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg. lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order .....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order .....lb. .37 - —
Tungstated, peacock, kegs...lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls, same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
l.c.l., 16-50 bbls., same basis. 100 lbs. 4.65 - —
6-15 bbls., same basis. 100 lbs. 4.75 - —
1-5 bbls., same basis.... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs.10.00 -10.25
Bluestone (see Blue vitriol).

Arsenic—Cad. Iodide

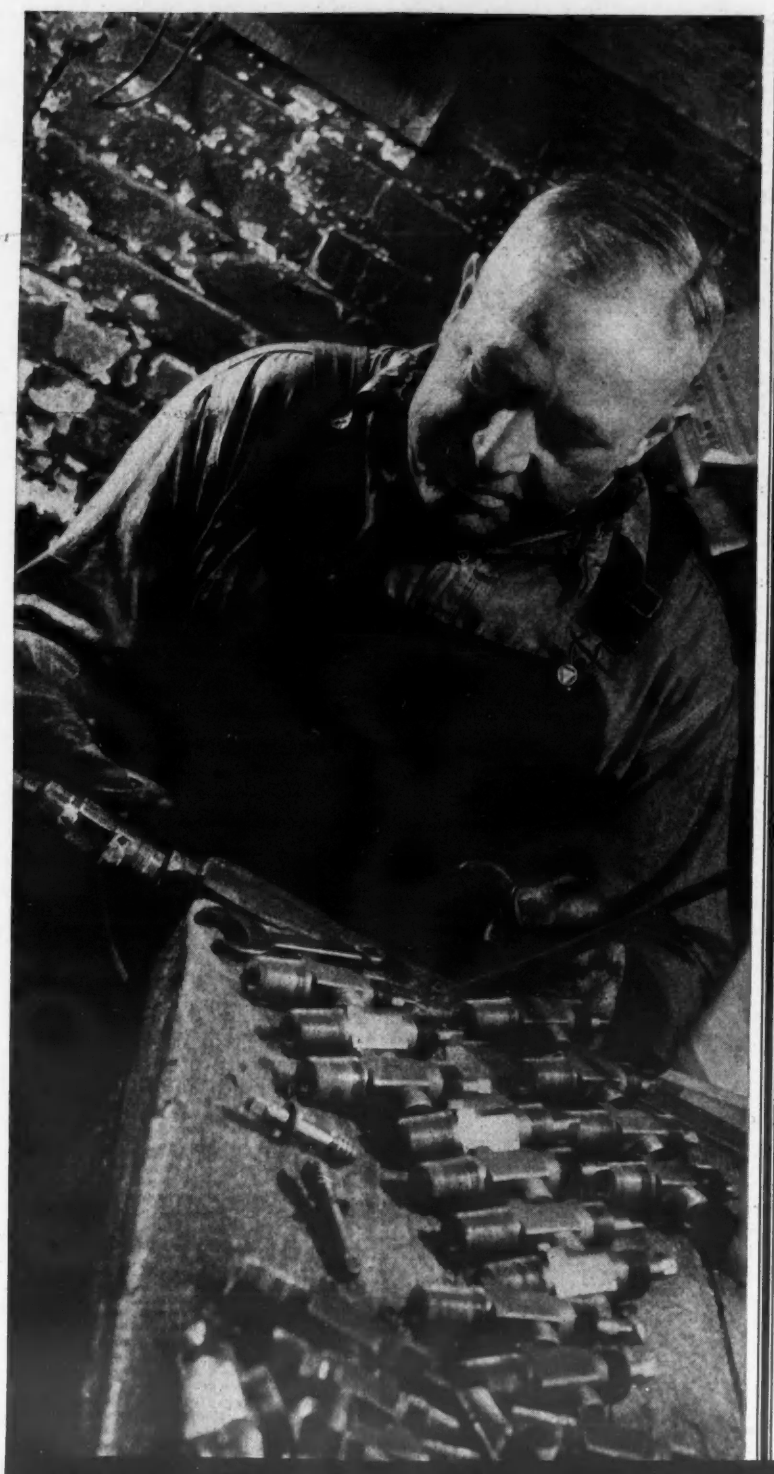
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports.....ton.28.50 -29.00
import, bgs., c.i.f., ports.ton. No prices
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.24.00 -26.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.22.50 - —
phosphate, precip., see Calcium phosphate didasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.19.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.21.00 -21.50
Borage flowers, bls. .....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .80
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b., N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04¼- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston....lb. .04¼- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .35 - .37
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .03½- .03¾
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld..lb. .10 - —
tanks, contract, frt. alld..lb. .08¼- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd.....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22½- —
Butyl, propionate, dms., dlvd..lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .30 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 4.21 - —
25-lb. cns.....lb. 3.97 - —

Cadmium—China Clay

Cadmium lithopone (see Yellow)
Metal, cs. lb. .95 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more. lb. 2.20 - —
2,000 lbs., or more. lb. 2.25 - —
1,000 lbs., or more. lb. 2.30 - —
100 lbs. lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more. lb. 2.23 - —
2,000 lbs., or more. lb. 2.28 - —
1,000 lbs., or more. lb. 2.33 - —
100 lbs. lb. 2.43 - —
25 lbs. lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more. lb. 2.30 - —
1,000 lbs., or more. lb. 2.35 - —
100 lbs. lb. 2.45 - —
less than 100 lbs. lb. 2.75 - —
5-lb. cns., 25 lbs., or more. lb. 2.70 - —
less than 25 lbs. lb. 2.85 - —
Citrated, cns. lb. 1.80 - 2.10
Hydrobromine, bots. lb. 4.91 - 4.99
Calabar beans, bgs. lb. .25 - .26
Calamus root, bleached, cs. lb. .40 - .41
peeled, bls. lb. .10 - .12
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies. lb. .06¾- .07¼
W. of Rockies, bgs., dms. lb. .06½- .06¾
Southern cotton states, bgs. lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled. lb. .70 - —
50 lbs., works. lb. .72 - —
25 lbs., works. lb. .75 - —
Carbide, dms. lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton. 22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd. ton. 20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs. lb. .50 - —
dms. lb. .55 - .57
cns. lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots. lb. 1.00 - —
smaller lots. lb. 1.15 - —
cns., 25 lbs. lb. 1.40 - —
Hypophosphite, cns. lb. .62 - .67
Iodide, bots., jars. lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs. lb. .23 - —
Levulinate, bots., less than 25 lbs., works. lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton. 28.00 - —
Palmitate, bbls. lb. .22 .23
Phosphate, dibasic, precip., 23-25% P_2O_5, bgs., c.l.f. Atlantic ports, shipt. unit-ton. .80 - —
tribasic, c.l., bbls., works. lb. .06½- —
l.c.l., bbls. lb. .07½- —
Resinate, precip., bbls., 1 ton. lb. .12 - —
smaller lots. lb. .14 - —
Stearate, precip., bbls., cns., c.l. lb. .19 - —
l.c.l., 1 ton. lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 75%, CaS, works, bulk, c.l., 25-mesh. ton. 42.50 - —
bags, bulk, c.l., works. ton. 45.00 - —
l.c.l., works ton. 47.50 -50.00
75%, CaS, works, bulk, c.l., 50-mesh. ton. 43.50 - —
bags, bulk, c.l., works. ton. 46.00 - —
l.c.l., works ton. 48.50 -51.00
80%, CaS, works, bulk, c.l., 25-mesh. ton. 47.50 - —
bags, bulk, c.l., works. ton. 50.00 - —
l.c.l., works ton. 52.50 -55.00
80%, CaS, works, bulk, c.l., 50-mesh. ton. 48.50 - —
bags, bulk, c.l., works. ton. 51.00 - —
l.c.l., works ton. 53.50 -56.00
luminous, dom., tins, works, 100 lbs. .25 - —
Sulphocarbolate, bbls., 200 lbs. lb. .48 - —
kgs., 100 lbs. lb. .50 - —
Calendula flowers, bls. lb. .30 - .35
Calomel, bbls., fib., dms., kgs., 50 lbs., or more. lb. 1.28 - —
Camphor, natural, powd., cs. lb. .52 - .52½
slabs, cs. lb. .52 - .52½
tablets, tins lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .47 - —
1,000-lb. lots lb. .48 - —
500-lb. lots lb. .49 - —
100-lb. lots lb. .50 - —
Monobromate, bxs., kgs. lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs. lb. .04¼- .04½
Morocco, bgs. lb. .0430- .0460
Turkish, bgs. lb. .04¾- .04⅝
Canella alba bark, bls. lb. .30 - .31
Cantharides, Chinese, cs. lb. .60 - .70
powd., bxs. lb. .70 - .80
Russian, cs. lb. .90 - .95
powd., bxs. lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs. lb. .09 - .09½
Carbazole, 95%, dms., ton lots, works. lb. .70 - —
smaller quantities, works. lb. .80 - —
95% dms., ton lots, works. lb. .75 - —
smaller quantities, works. lb. .85 - —
Carbinol, butyl, norm., dms., works. lb. .60 - —
small lots, works. lb. .75 - —
secondary, dms., works. lb. .60 - —
small lots, works. lb. .75 - —
Diethyl, dms., works. lb. .60 - —
small lots, works. lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works. lb. .33 - —
l.c.l., works. lb. .34 - —
tanks, works. lb. .32 - —
Methylpropyl, dms., works. lb. .60 - —
small lots, works. lb. .75 - —
Dimethylethyl, dms., works. lb. .60 - —
small lots, works. lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R. lb. .05 - —
l.c.l., same basis. lb. .05¼- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis. lb. .08 - .08½
tanks, same basis. lb. .04½- —
Dioxide, cyls. lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R., and incl. Ia., Ky., Minn., Mo., N. C., Tenn., Va. lb. .05 - —
l.c.l., same basis. lb. .05½- —
Carbon, tetrachloride, 10-gal. dms., c.l. (20 tons), same basis. lb. .06¾- .07¼
l.c.l., same basis. lb. .07¾- .08¼
5-gal. dms., c.l. (20 tons), same basis. lb. .06¾- .07¼
l.c.l., same basis. lb. .07¾- .08¼
tanks, same basis. lb. .04¾- —
Fire extinguisher liquid, 1½c. lb. higher.
Carbon tetrachloride prices are ½c. per lb. higher frt. alld. in S.E. and Central States; 1c. per lb. higher frt. alld. in Rocky Mts. and S. W. States; prices in Pacific Coast States are 1¼c. per lb. higher, f.o.b. Coast shipping points.
Cardamom, bleached, cs. lb. 1.15 - 1.50
decorticated, cs. lb. .80 - .82
green, bgs. lb. .51 - .52
Carvol, bots. lb. 4.00 - 4.25
Cascara sagrada bark, bulk. lb. .11 - .12
Case-hardening mixture, 30%, lump, dms., l.c.l. lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd. lb. .08¾- .09
5 tons, works. lb. .10½- —
smaller lots, works. lb. .11½- —
80-100 mesh, bgs., c.l., dlvd., lb. .09¼- .09½
5 tons, works. lb. .11 - —
smaller lots, works. lb. .12 - —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd. lb. .09½- —
80-100 mesh, bgs., c.l. duty paid. lb. .10 - —
French, 30 mesh, bgs., c.l., duty pd. lb. .17 Nom.
Cassia, Batavia, 1, bgs. lb. .15¾- .16
3, bls. .09¼- .09½
shortstick, bls. lb. .12½- .12¾
China, rolls, select, cs. lb. .06½- .07
broken, extra, bls. lb. .04½- .04¾
Saigon, bls. lb. .14½- .15
Cassia, buds, cs. lb. .15¼- .15½
Cassia fistula, bskts. lb. .08 - .09
Castile soap, white, bars., cs., 40 lbs. 11.75 -12.50
powd., bbls. lb. .28 - .35
Castoreum, nat., cns. lb. 15.00 -18.00
synth., bots. lb. 19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works. ton. 18.50 - —
import, bgs., c.l.f., ports, shipment. ton. 21.00 - —
Catnep leaves, bls. lb. .17 - .18
Celery seed, French, bgs. lb. .13½- .14
Indian, bgs. lb. .11½- .12
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld. lb. .40 - —
Acetobutyrate, 501 lbs. and over, works. lb. .52 - —
101 lbs., works. lb. .53 - —
smaller lots, works. lb. .55 - —
Acetopropionate, 500 lbs. and over, works. lb. .57 - —
100-499 lbs., works. lb. .58 - —
1-99 lbs., works. lb. .60 - —
Triacetate, 50,000 to 99,999 lbs. lb. .50 - —
20,000 to 49,999 lbs. lb. .55 - —
10,000 to 19,999 lbs. lb. .60 - —
2,000 to 9,999 lbs. lb. .65 - —
Cerium hydrate, dms., works. lb. .60 - —
Oxalate, USP, bbls., works. lb. .35 - —
kgs., works lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works. lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works. lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs. lb. .19 - .20
Roman, bls. lb. .30 - .33
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va. ton. 30.40 - —
Colo. ton. 27.00 - —
Conn., Me., Mass., N. H., R. I., Vt. ton. 30.80 - —
Ill. (except river point), Minn., Neb., Wis. ton. 25.00 - —
Indiana ton. 26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso). ton. 23.00 - —
Kansas, El Paso, Tex., ton. 24.00 - —
Michigan ton. 27.80 - —
Ohio, Penn. ton. 29.80 - —
Utah ton. 34.00 - —
Willow, powd., bbls. lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l. wks. lb. .02 - —
l.c.l., bbls., wks. lb. .02¼- —
tanks, wks. lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works. ton. 9.50 - —
l.c.l., works. ton. 10.00 -16.00
bulk, c.l., works. ton. 7.00 - —
200 mesh, bgs., c.l., works. ton. 8.50 - —
l.c.l., works. ton. 9.50 -18.50



VALVES be Seated!

To good-natured Charlie Elstrodt, every chlorine cylinder valve is leaky until his own "personal" test proves it is tight. Because of Charlie's hard-boiled philosophy, because of the sureness of the compressed air test, mighty few leaky valve seats have gotten by Charlie's inspection in his sixteen years at Mathieson's Niagara Falls plant.

Charlie's job is one of about nineteen different steps in the cleaning, reconditioning and inspection routine through which Mathieson Chlorine cylinders and valves must pass before they are shipped. And in each of these operations it is men like Charlie Elstrodt, men who keep their eyes "glued on the ball", who give Mathieson's cylinder routine the backbone which makes it valuable to you.

Mathieson engineers produce chlorine of a purity second to none; and Mathieson workmen see that you get this pure product in clean, smooth-functioning containers. Couple with this Mathieson's unusual traffic and delivery facilities and their expert technical service and you see why this company presents a chlorine team that is hard to beat.

The MATHIESON ALKALI WORKS (Inc.)
60 East 42nd Street New York, N. Y.

MATHIESON CHEMICALS

SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER
HTH AND HTH-15 . . . AMMONIA, ANHYDROUS AND AQUA . . . PH-PLUS (FUSED ALKALI) . . . SULPHUR CHLORIDE
CCH (INDUSTRIAL HYPOCHLORITE) . . . DRY ICE (CARBON DIOXIDE ICE) . . . ANALYTICAL SODIUM CHLORITE

China clay, wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., workston. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse. .....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .96
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.09
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, bgs., c.l. (30,000 lbs. min.) works.....lb. .35 - —
2,000 lbs., works.....lb. .37 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .06½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equaled..100 lbs. 2.15 - —
tanks, multiple unit, 3 or over, wks., frt. equald..100 lbs. 2.30 - —
2, works, frt. equaled.100 lbs. 2.55 - —
1, works, frt. equaid..... 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .85 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8%, cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.15.00 -16.00
Green (see Green, chromic).
Oxide (see Green, chrome oxide).
Sulphate, pearls, dms..100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .17 - .18
long, cs. .....lb. .45 - .50
short, bgs. .....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 2.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .15½- .15⅝
3, bls. .....lb. .15¼- .15⅜
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .15⅝- .15⅝
Zanzibar, bls.....lb. .16½ Nom.
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .65 - .67
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 8%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .15 - .16
Cocoa butter, lump, bgs., c.l..lb. .12¼ - .13⅜
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs. .....oz.21.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .29
Colombo root, bls.....lb. .09 - .10
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. .24 - .26
S.A., USP. cns.....lb. .26 - .27
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls....lb. .14½- .15½
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .34 -
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .11¼- —
Nitrate, cryst., bbls.....lb.16.60 -17.40
Oleate, precip., bbls.....lb. .20 -
Oxide, black, bbls., tons, works, lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .16¾- .17½
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
l.c.l., 25 or over, works.... 100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0185 Nom.

Coriander seed, Morocco, bgs..lb. .04½- .05
bleached, bgs. .....lb. .07⅜- .08
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 2.95 - —
ex whse.....100 lbs. 3.05 - —
Syrup, 42°, bbls., c.l....100 lbs. 2.89 - —
43° bbls., c.l.....100 lbs. 2.94 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more..lb. 1.13 - —
gran., powd., dms., 50 lbs. or more..lb. .99 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 30-32% potash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .20 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .14 - .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22⅝- —
smaller lots, bbls.....lb. .23¼- —
kgs. .....lb. .23⅝- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13⅛- .14⅛
Coaltar solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10¾- —
l.c.l., same basis.....lb. .11 - —
special resin grade, dms., c.l., works..lb. .09¾- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .26 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .25 - .26
2,000 lbs. to 10,000 lbs..lb. .26 - .27
1,000 lbs. to 2,000 lbs..lb. .27 - .28
200 lbs. to 1,000 lbs.....lb. .29 - .30
4% rotenone prices are 4c. per lb. less.
Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .27 - .28
powd., cs. .....lb. .30 - .31
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs.....lb. .09¼- .09⅝
Morocco, bgs. .....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04⅛
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls..lb. .13 - .14
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .07¾- .08¼
English, bbls.....lb. .07¾- .08¼
neutral, dom., bbls.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .34 - .38
2,000 lbs., to 10,000 lbs..lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
200 lbs. to 1,000 lbs..lb. .38 - .42
4% rotenone prices are 6c. per lb. less
Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, resinate, 75% rotenone, cns..lb.10.00 -11.00
30% rotenone, cns.....lb. 5.50 - 6.50
25% rotenone, bulk, cns....lb. 3.60 - 6.00
15% rotenone, bulk, cns..lb. 2.10 - 4.25
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.55 - —
l.c.l., f.o.b. Chicago...100 lbs. 3.75 - —
Corn, canary, bgs., c.l., f.o.b., Chicago..100 lbs. 3.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.50 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.25 - —
l.c.l., f.o.b. Chicago...100 lbs. 3.45 - —
Potato, import, bgs.....lb. .07¼- .08

China Clay—Dextrin

Triple

SERVICE FOR YOUR SHIPPING BOXES

★

DEFENSE, DESIGN, DISPLAY . . . the shipping box that provides this triple service---has everything! Your product in an H & D box is defended against all normal hazards of handling and shipping; it travels economically because the box is designed to be practical; it sells the products it carries because on its smooth surface is printed an effective display advertisement. Get these three superior features in H&D modern shipping boxes.

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"IDEAS for Corrugated Boxes"—illustrates the modern trend in shipping boxes, counter displays and shipper-displayers. Write for your free copy now. The Hinde & Dauch Paper Company, Sandusky, Ohio.

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Diacetone—Dyes

Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works lb. .092 - —
tanks, works lb. .075 - —
Oxalate, dms., l.c.l., works lb. .80 - —
Phthalate, dms., c.l., dlvd lb. .19 - —
l.c.l., dlvd lb. .19½- —
tanks, dlvd lb. .18 - —
Sulphide, dms., l.c.l., works lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works lb. .50 - —
Diamylene, dms., c.l., works lb. .095 - —
l.c.l., works lb. .102 - —
tanks, works lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton 22.00 -35.00
l.c.l., ex whse ton 45.00 -150.00
import, bgs., c.l., c.i.f. ton 30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl ether (see Ether, butyl).
Dibutyl phthalate, dms., c.l., dlvd. lb. .19 - —
l.c.l., dlvd lb. .19½- —
tanks, dlvd lb. .18 - —
cns., works lb. .23½- .25½
Sebacate, dms., wks lb. .45 - —
Tartrate, dom., dms lb. .46 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Diethanolamine, dms., c.l., works lb. .24 - —
l.c.l., works lb. .25 - —
tanks, works lb. .23 - —
Diethyl carbonate, coml., dms. lb. .25 - —
refd., 99%, dms. lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. lb. .19½- —
tanks lb. .18 - —
Sulphate, dms., c.l., works lb. .13 - —
l.c.l., works lb. .14 - —
tanks lb. .12 - —
Diethylanilin, dms. lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works lb. .17 - —
Monobutylether, dms., works lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Digitalis, leaves, dms lb. .40 - .42
Diglycol laurate lb. .22 - —
Diglycol oleate, light, bbls lb. .20 - —
Diglycol stearate lb. .24 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs lb. .09 - .09½
Dimethyl phthalate, dms., c.l., dlvd. lb. .18½- —
l.c.l., dlvd. lb. .19 - —
Dimethylamine, dms., c.l., dlvd. lb. 1.00 - —
l.c.l., dlvd. lb. 1.05 - —
tanks, dlvd. lb. .17½- —
Dimethylanilin, dms., c.l. lb. .26 - —
l.c.l., dms. lb. .27 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls, 89° min., lb. .18 - —
Dinitrochlorobenzene, bbls lb. .14 - —
Dinitronaphthalene, kgs lb. .35 .38
Dinitrophenol, bbls. lb. .22 - —
Dinitrotoluene, dms lb. .13½- —
oily, dms lb. .09 - —
Diorthotoluoliguanidine, dms., 2,000 lbs. or over, dlvd. lb. .44 - —
600-1,950 lbs., dlvd lb. .46 - —
150-450 lbs., dlvd lb. .47 - —
Dioxan, dms., c.l., frt. alld. lb. .20 - —
l.c.l., same basis lb. .21 - —
tanks, same basis lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms gal. .47 - .50
tanks gal. .41 - —
Diphenyl, bbls., c.l., works lb. .15 - —
l.c.l., works lb. .20 - .25
Oxide, perfume grade, cns lb. .50 - .55
Diphenylamine, bbls lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd. lb. .35 - —
600-1,950 lbs., dlvd lb. .36 - —
150-450 lbs., dlvd lb. .37 - —
Diphenylmethane, bots lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls lb. .05¾- .06¾
Doggrass root, cut, bls lb. .11 - .12
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns lb. 2.75 - 2.80
Dragon's blood, mass, cs lb. .65 - .85
reeds, thin, cs lb. .80 - .85
Duboisine sulphate, vis oz. 34.50 -35.00

Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—

Blue:—
Brilliant blue FCF, cns. lb. 13.50- —
1180 Sodium indigo disulphonate, cns. lb. 13.50- —
Green:—
Fastgreen FCF, cns. lb. 27.50- —
666 Guinea green B., cns. lb. 13.50- —
670 Light green SF, yellowish, cns. lb. 17.50- —

Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—

Red:—
184 Amaranth, cns. lb. 3.15- —
773 Erythrosin, cns. lb. 17.50- —
80 Ponceau 3R, cns. lb. 6.00- —
Ponceau SX, cns. lb. 5.75- —
Orange:—
150 Orange I, cns. lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns. lb. 3.50- —
Sunset yellow FCF, cns. lb. 3.15- —
640 Tartrazin, cns. lb. 3.15- —
22 Yellow AB, cns. lb. 2.65- —
61 Yellow OB, cns. lb. 2.65- —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—

36 Chrome yellow 2G. lb. .65 - .70
40 Chrome yellow R. lb. .50 - 1.00
53 Victoria violet. lb. .80 - 1.00
165 Lake red C. lb. 1.00 - —
170 Fast red A. lb. .60 - .75
180 Fast red VR. lb. 1.50 - 1.65
189 Lake red R, paste. lb. .85 - .90
189 Lake red R, powdered. lb. 3.00 - 3.10
202 Chrome blue black U. lb. .32 - .40
204 Chrome black A. lb. 1.75 - 2.00
208 Fast red blue R. lb. .75 - 2.00
216 Chrome red B. lb. 1.75 - 2.00
262 Cloth red 2B. lb. .60 - .80
289 Fast cyanin 5R. lb. .90 - 1.00
299 Chrome black F. lb. .60 - .65
307 Fast cyanin black B. lb. .80 - .85
326 Direct cast scarlet. lb. 2.00 - 2.25
304 Paper yellow. lb. .83 - .90
365 Chrysophenin G. lb. .58 - .70
394 Direct violet N. lb. 1.25 - 1.30
382 Direct scarlet B. lb. 1.50 - 1.75
387 Direct violet B. lb. 1.00 - 1.30
401 Developed black BHN. lb. .50 - .75
406 Direct blue 2B. lb. .25 - .30
415 Direct orange R. lb. .60 - .70
419 Direct fast red F. lb. .75 - .85
420 Direct brown M. lb. 1.00 - 1.10
448 Benzo purpurin 4B. lb. .40 - .42½
495 Benzo purpurin 10B. lb. .40 - .50
502 Direct azurin G. lb. .75 - .80
512 Direct blue RD. lb. .80 - 1.00
516 Direct pure blue 6B. lb. 1.10 - 1.25
520 Direct pure blue. lb. .50 - 1.00
529 Direct fast black FF. lb. .55 - 1.00
581 Direct black EW. lb. .22 - .50
582 Direct black RX. lb. .35 - .45
593 Direct green B. lb. .75 - .80
594 Direct green G. lb. 1.00 - 1.05
596 Direct brown 3GO. lb. .35 - 1.00
620 Direct yellow R. lb. 1.25 - 1.50
698 Acid violet. lb. 1.00 - 3.00
812 Primulin lb. .50 - .52
814 Direct fast yellow. lb. 2.00 - 2.25
845 Nigrosin(water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste. lb. .15 - .18
Benzo fast black L. lb. .90 - 1.00
Sulphur black. lb. .20 - .25
Sulphur blue. lb. .40 - 1.00
Sulphur brown. lb. .25 - .50
Sulphur maroon. lb. .40 - —
Sulphur olive. lb. .25 - .54
Sulphur tan. lb. .30 - .50
Sulphur yellow. lb. .30 - .50
Zambesi black. lb. .75 - .80

Dyes, coaltar, for stains (numbers are those of Colour Index scale)

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives. lb. .42 - —
Blue:—
1075 Alizarin astrol base. lb. 15.00 - —
1078 Alizarin cyanin green base. lb. 6.00 - —
729 Victoria blue. lb. .75 - —
Browns:—
Brown lb. 1.35 - —
Green:—
1078 Alizarin cyanin green. lb. 5.00 - —
.... Green. lb. .75 - —
Orange:—
24 Sudan I. lb. .70 - —
.... Orange, red shade. lb. .75 - —
Red:—
76 Sudan II. lb. 1.05 - —
258 Sudan IV. lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base. lb. 6.00 - —
680 Oil violet. lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow. lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB. lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin. lb. .40 - —
Blue:—
729 Victoria blue. lb. 2.55 - —
860 Indulin. lb. .70 - —
Brown:—
331 Bismarck brown. lb. 1.50 - —
Green:—
637 Malachite green base. lb. 2.00 - —
Orange:—
20 Chrysoidin G. lb. .95 - —
21 Chrysoidin R. lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B. lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine lb. 2.00 - —
800 Chinolin yellow SS. lb. 2.00 - —
Violet:—
680 Methyl violet lb. .70 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin lb. .36 - —
873 Methylene gray. lb. 1.50 - —
Blue:—
714 Patent blue A. lb. 1.45 - —
729 Victoria blue B. lb. 2.00 - —
861 Indulin lb. .37 - —
909 New blue R. lb. 1.30 - —
922 Methylene blue. lb. 1.00 - —
1054 Alizarin saphirol B. lb. 1.90 - —
1180 Indigotin IA. lb. .85 - —
Brown:—
234 Resorcin brown Y. lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G. lb. .52 - —
332 Bismarck brown R. lb. .37 - —
792 Phosphin lb. 4.65 - —
Green:—
5 Naphthol green B. lb. 1.00 - —
657 Malachite green. lb. 1.35 - —
662 Brilliant green. lb. 2.00 - —
666 Guinea green B. lb. 1.15 - —
737 Wool green S. lb. .58 - —
924 Methylene green B. lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G. lb. .40 - —
21 Chrysoidin R. lb. .37 - —
27 Orange G. lb. .50 - —
151 Orange Y. lb. .30 - —
161 Orange R. lb. .34 - —

DIBUTYL SEBACATE

A NEW CHEMICAL PLASTICIZER
NOW COMMERCIALLY AVAILABLE

Physical Properties

Color . . . . . Water white
Boiling point 344°-345° C. at 760 mm.
Purity . Over 99% ester by weight
Specific Gravity Approx. 0.94 at 25° C.
Flash point . . . . . 353° F.

Compatible with: Vinyl resins, Phenolic resins, Acrylic resins, Nitrocellulose. Other cellulose derivatives. Chlorinated rubber.

Miscible in all proportions with most common organic solvents.

Characteristics

Water white color
Non-yellowing
Tasteless; no residual odor
Low volatility, insuring permanence in films
Maintains plasticizing action over wide temperature range; particularly effective at low temperatures
Wide range of compatibility
Excellent electrical properties

Suggested for use as

Plasticizer for vinyl and acrylic finishes and plastics and for nitrocellulose, cellulose aceto-butyrate and other cellulose derivates.

A testing sample will be supplied, on request, by the manufacturer:

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222 West Washington Square, Philadelphia, Pa.

PRODUCERS OF

AMBEROL—*phenol-formaldehyde-type resins for finishes*
DURAPLEX—*alkyd resins for finishes*
AQUAPLEX—*emulsified alkyd resin for finishes*
PARAPLEX—*resin plasticizers*
UFORMITE—*urea-formaldehyde resins for finishes, laminated panels, plywood, etc.*
OILSOLATES—*synthetic organic driers*
TEGO—*resin film adhesive for plywood*
ACRYLOID—*Acrylic ester resins for finishes*

Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein kr..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls. .. ..lb. .20 - .21
Egg albumen (see Albumen).
yolk, bbls.....lb. .66 - .68
Elder flowers, bright, bls.....lb. .21 - .23
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls. .....lb. .25 - .26
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls.....lb. .11 - .12
Ephedrine, tins, 1,000 ozs....oz. 2.50 - —
tins, 100 ozs. .....oz. 2.65 - —
Hydrochloride, tins, 1,000 ozs..
oz. 1.75 - —
tins, 100 ozs. .....lb. 1.90 - —
Sulphate, cryst., 1,000 ozs...oz. 1.75 - —
tins, 100 ozs. .....lb. 1.90 - —
Epsom salt, tech., bgs....100 lbs. 1.85 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots.....lb. 2.60 - —
kgs., c.l.....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.65 - 1.70
Eserine, bats.....oz.42.00 - —
Salicylate, bots.....oz.33.00 -34.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., l.c.l., dlvd.....lb. .25 - —
cns. .....lb. .29 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .06 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs. lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld..lb. .06½- —
l.c.l., frt. alld.....lb. .07 - —
tanks, frt. alld.....lb. .06½- —
Ethyl acetate, 99 p.c., dms., c.l., frt. all..lb. .07½- —
l.c.l., frt. alld.....lb. .07¾- —
tanks, frt. alld.....lb. .06¼- —
N. F., VI, 99%, dms., 400 lbs. lb. .08¼- —
cns., 35 lbs.....lb. .13½- —
Acetate, USP, VIII, 99%, dms., 400 lbs..lb. .07½- —
cns., 35 lbs.....lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms. .....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .32 - —
5 and 10 gal. dms., dlvd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works..lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .6440- —
100 lbs., frt. alld.....lb. .6930- —
smaller lots, works.....lb. .7425- —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .05½
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .06½
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .18 - —
l.c.l., dms.....lb. .14 - —
tanks, works.....lb. .12 - —
Monoethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .16 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .08 - .09
bbls..lb. .55 - —
Ethylparatoluenesulphonamide,
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -18.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .08 - .08½
Indian, bags.....lb. .07½- .07¾
German large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs., or over, works...lb. .11 - —
smaller lots, works...lb. .12 - —
light, cs., 1,000 lbs. or over, works..lb. .12 - —
smaller lots, works.....lb. .13 - —
water white, cs., 1,000 lbs., or over, works..lb. .13 - —
smaller lots, works...lb. .14 - —
Fir balsam, Canada, cns....gal.11.00 -11.50
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .09 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.30 & .10 Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.49.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.l.f. ports, shipt..ton.44.00 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Flaxseed, French, black, bgs..lb. .13 - .14
Indian, blonde, bgs.....lb. .08 - .08½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton.31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton.19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 -21.00
Imported, 85% not over 5% duty paid..ton.23.50 -24.00
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .12¾- .14
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17¾- .19¼

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .19 - .20
Gambier, common, cases.....lb. .06¾- .07
plantation, cases.....lb. .08¼- .09
Cubes, Singapore, cases....lb. .06¼- .09
Extract, bbls.....lb. .06½- .09½
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½- —
65 octane and above, tanks, gal. .06¼- —
California, 54-58, tanks...gal. .06½- .06¾
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04¾
60-62, 390 e.p., bulk, export, gal. .04¾- .04½
60-62, 400 e.p., bulk, export, gal. .04¾- .04¾
64-66, 375 e.p., bulk, export, gal. .04¾- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04¼- .04½
63-66 octane, tanks....gal. .04½- .04¾
67-69 octane, tanks....gal. .04¾- .05
70-72 octane, tanks....gal. .05½- .05¾
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¼- .04¾
third grade, tanks..gal. .04½- .04¾
63-66 octane, tanks....gal. .04 - —
67-69 octane, tanks....gal. .04¾- —
70-72 octane, tanks....gal. .04¾- .05¾
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03¾- —
18-lb. v.p., tanks.....gal. .02¾- .02¾
22-lb. v.p., tanks.....gal. .02¾- —
26-7? lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks... gal. .05 - —
65 octane, tanks.....gal. .06½- —
52-56 450 e.p., naphtha, tanks..gal. .04¾- .06
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07 - .07½
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .07 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .06½- .07
Cochin, lemon, bgs.....lb. .10¼- .10½
Jamaica, bold, bgs.....lb. .15 - .16½
grinding, bright, bgs...lb. .11 - .11½
medium, bold, bgs.....lb. .11¾- .12
Japanese, bgs.....lb. .08¾- .09
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb.10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13 - —
l.c.l., dlvd. .....lb. .13½- —
36/58, bgs., c.l., dlvd....lb. .13½- —
l.c.l., dlvd .....lb. .14 - —
58/82, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd. .....lb. .15 - —
82/108, bgs., c.l., dlvd....lb. .15 - —
l.c.l., dlvd. .....lb. .15½- —
Hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis. lb. .16½- —
l.c.l., same basis.....lb. .17 - —
Glue, hide, 67/122, bgs., c.l., same basis..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
82/251, bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283, bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .16¼- .16¾
dms., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- —
tanks, dlvd.....lb. .14 - —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .13¾- —
l.c.l., dlvd.....lb. .14¼- —
tanks, dlvd.....lb. .13½- —
saponification, basis 88%, dms., returnable, dlvd..lb. .09¼- .09¾
soapiye, basis 80%, dms., returnable, dlvd..lb. .08½- .08¾
Glycol boriborate, dms.....lb. .23 - —
Phthalate, dms. .....lb. .38 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
U.S.P. IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs..lb. .12 - .12½
Goldenseal root, bls.....lb. 2.95 - 3.10
powd., bxs. .....lb. 3.15 - 3.25
Grains of paradise, bgs.....lb. .65 Nom.
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
65% graphitic carbon,, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
90% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04½- .05
White, trcs. .....lb. .05¾- .06
Yellow, trcs. .....lb. .04¾- .05
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07¾- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
oxide, dom., pure, bbls...lb. .22 - —
ceramic, light shades, bbls, c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .90 - 1.00
Wood, bls. .....lb. .04 - .06
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs. .....lb. 1.05 - 1.10
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09½- .09¾
white, sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white, powd., bbls.....lb. .12½- .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .23 - .25
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .28 - .30
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .20¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .18¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¾- —

Dyes—Gum, Ester

Gum, copal, Congo, 5, pale, straw bold, bgs., c.l., same basis..lb. .14¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .15¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .12¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¾- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .15¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .12½- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11¾ —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¾- —
21, ordinary selected nubs, c.l., same basis..lb. .07½- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07 - —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03½- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .05 - —
nubs and chips, bgs., c.l., same basis..lb. .05 - —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .12½- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust., bgs., c.l., same basis..lb. .03½- —
nubs, bgs., c.l., same basis..lb. .09½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .05¾- —
dust, bgs.,c.l.,same basis.lb. .03¼- —
nubs, bgs., c.l., same basis, lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .11¼- —
B, bskts.,c.l.,same basis.lb. .10½- —
C, bskts., c.l., same basis. lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .08¾- —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .08¾- —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts.,c.l., same basis, lb. .05¼- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust., bskts., c.l., same basis..lb. .05¼- —
spirit-soluble, CBB, bskts., basis..lb. .06¾- —
DBB, bskts., c.l., same basis..lb. .08 - —
MA, bskts., c.l., same basis, lb. .06½- —
MB, bskts., c.l., same basis, lb. .06 - —
WS, bskts., c.l., same basis, lb. .08 - —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¾- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .08¾- —
split, bgs., c.l., same basis, lb. .13¾- —
nubs, bgs., c.l., same basis, lb. .11¾- —
Dammar, Batavia, A, cs, c.l., same basis as copal..lb. .20¾- —
A/D, cs, c.l., same basis.lb. .16½- —
A/E, cs., c.l., same basis.lb. .13½- —
B, cs., c.l., same basis..lb. .19¾- —
C, cs, c.l., same basis...lb. .15¾- —
D, cs., c.l., same basis..lb. .13¾- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .15¾- —
2, cs., c.l., same basis....lb. .10¾- —
3, cs, c.l., same basis.....lb. .05 - —
chips, cs., c.l., same basis.lb. .10¾- —
dust., cs., c.l., same basis. lb. .05 - —
seeds, cs., c.l., same basis. lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06½

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GUARANTY

JUST as a bulldog guards a bone, so "Tri-Sure" Closures guard your product.

When you equip a drum with "Tri-Sure" Closures, you protect both the *quantity* and *quality* of your product. You protect its *quantity* because "Tri-Sure" Closures are *pilferage-proof*, *leak-proof* and *waste-proof*. And you protect its *quality* because "Tri-Sure" Closures have seals which cannot be removed without deliberately destroying them.

Instead of taking chances with your next shipment, take 100% precaution by using "Tri-Sure" Closures. Let "Tri-Sure" make sure that every drop in every drum is *safe*.

AMERICAN FLANGE & MANUFACTURING CO. INC.
30 Rockefeller Plaza, New York, N. Y.

Tri-Sure
CLOSURES

Gum, ester, dms., less than 10,000 lbs., same basis..lb. .06½- .07
dlvd.,western N.Y., and Pa., Ohio,Mich.,Ind.,Ill.,Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l.....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l. lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs.....lb. .22 - .23
Galbanum, cs.....lb. .90 - .95
Gamboge, pipe, cs.....lb. .60 - .65
powd., bbls.....lb. .65 - .70
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin)
Karava, bbls., bxs., dms....lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 - 2.75
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .35 - .36
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs.....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .19 - .20
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs.....lb. .09¼- .09¼
Talha, bgs.....lb. .07½- .08
Thus, bbls.....280 lbs.14.00 -14.25
Tragacanth, Aleppo 1, cs....lb. 2.65 - 2.70
2, cs.....lb. 2.35 - 2.40
3, cs.....lb. 2.30 - 2.35
4, cs.....lb. 2.25 - 2.30
5, cs.....lb. 2.20 - 2.25
flake, bgs.....lb. .50 - 1.00
Yucca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald..ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.60 - 2.20
Hellebore, white, root, powd., bbls.lb. .12 - .18
Helonias root, bls.....lb. .35 - .60
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02½- —
Hempseed, Manchur, bgs.....lb. .06¾- .06
Henbane leaves, bls.....lb. .15 - .18
Henna leaves, bls.....lb. .07½- .09
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .06½- —
normal, 96-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .13 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.50 - —
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .09 - .10
Hydrangea root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .08¾- .04
100 vols., cbys., E.ofMiss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .20 - .24
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs.....lb. .18¼- .20½

I

Iceland moss, bls.....lb. .12 - .18
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms .....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equid..lb. .05 - .06
kegs, works, frt. alld. or equid..lb. .07½- .08
liquor, cbys., works, frt. alld. or equid..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .06½- —
USP solut., cbys., works, frt. alld. or equid..lb. .06¼- .07
djns .....lb. .07½- —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.35 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .32 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, U.S.P., cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .49 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04 - .05

K

Kamala, tins.....lb. .28 - .29
Kaolin (see China clay).
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks,gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03¾- —
w.w., bulk..gal. .04 - —
Louisiana-Arkansas, 41-43 w.w., bulk..gal. .04¾- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04⅝
42-44 w.w., tanks.....gal. .04¼- .04½
Pennsylvania, 45 w.w., tanks, gal. .04⅞- —
46 w.w., tanks.....gal. .05 - —
47 w.w., tanks.....gal. .05½- —
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10½- —
Cincinnati .....gal. .12 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .100 - —
New Orleans.....gal. .13½- —
New York .....gal. .06¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 8.50 - 8.75
Middlewestern, trcs....100 lbs. 8.00 - 8.10
Neutral, trcs.....100 lbs. 9.50 - 9.75
Western, choice, trcs..100 lbs. 8.60 - 8.70
Compound, trcs.....100 lbs.10.00 -10.25
Larkspur seed, bgs.....lb. .32 - .35
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04 - .04½
Lavender flowers, ordinary, bls.lb. .35 - .40
select, bls. .....lb. .46 - .48
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11¼- —
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd, E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd., E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .12
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc. lb. .0810- —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .09½- —
other points.....lb. .08¾- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0835- —
other points.....lb. .0810- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .08½- —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .11¼- —
precip., bbls.....lb. .16½- —
Stearate, bbls. .....lb. .22 - .28
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., r.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd., Ariz., etc. lb. .07¼- —
other points.....lb. .07 - —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06¼- —
other points .....lb. .06 - —
l.c.l., dlvd., Ariz., etc...lb. .06¼- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., consumers, lb. .11¾- —
dealers .....lb. .09¾- —
painters .....lb. .10¾- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis, lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, ca., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Gum, Ester—Lithium

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .35
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass. ....ton 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
Lime, chemical, spray, paper bgs., f.o.b. Bellefonte, Pa...ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonberg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer. gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l.....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .10½- —
c.l. and l.c.l.....gal. .12 - .14
Zone 6, tanks, dealers.....gal. .07½- —
30-50 dms.....gal. .09 - .18

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .27 - .30
without leaves, bls.....lb. .16 - .17
Linseed cake, bgs., export....ton.29.00 - —
Meal, 34% dom., bgs.....ton.41.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0685- —
dlvd., other points....lb. .0660- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
Colo., Mont., N. Mex., Wyo..lb. .07¼- —
other points .....lb. .07 - —
smaller lots, dlvd., Ala., etc. lb. .07¾- —
Ariz., etc. .....lb. .08¼- —
Colo., etc. .....lb. .08 - —
other points .....lb. .07½- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70

Lithium—Oil, Cedarleaf

Lithium, citrate, 250-lb. bbls..lb. 1.40 - —
25-lb. dms.....lb. 1.40 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex wkse. Pac. Cst.....lb. .05½- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04¼- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs. .....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls. .....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.25 - 1.50
Lycopodium, cs.....lb. .98 - 1.00

M

Mace, Banda, cs.....lb. .51½- .52
Batavia, cs. .....lb. .39 - .40
Siauw, 1, cs.....lb. .46½- .47
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, cyl.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09¼- —
USP, Zone 1, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm't, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .53 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots .....lb. .55 - —
cns., ...lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .47
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .12
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .10¼- .11
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.59.00 - —
l.c.l., 5 tons, works..ton.62.00 - —
smaller lots, works..ton.67.00 - —
burlap bgs., c.l., works.ton.57.00 - —
l.c.l., 5 tons, works..ton.60.00 - —
smaller lots, works.ton.65.00 - —
paper bgs., c.l., works.ton.55.00 - —
l.c.l., 5 tons, works..ton.58.00 - —
84-87% bgs., 28-40 tons, wks. ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
300-600 lbs., wks....ton.72.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots ....lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs. .....lb. 2.85 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs. .....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs. .....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.45.00 -47.00
Resinate, fused, 8¼%, bbls..lb. .06¼- .06½
precip., dms. .....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.24.00 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .21 - .22
Mannitol, reagent, pure cryst., cs., works..lb. 1.30 - —
commercial, cryst., bbl., ton lots..lb. .55 - —
smaller lots.....lb. .70 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....ton. .16 - .16½
Tunisan, bbls.....lb. .15 - .15½
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs.....lb. 3.15 - 3.25
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots .....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —

Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
flb., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs .....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red *N. F.*, bots., 5 lbs., lb. 2.55 - —
cns., 25 lbs.....lb. 3.60 - —
flb., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.50 - —
cns., 25 lbs.....lb. 3.65 - —
flb., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, *N.F.* (see red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.21 - —
USP, flb. dms., 50 lbs. or more..lb. 1.73 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
flb., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅝x5½ in.....pkg.22.50 -23.00
3⅝x5½ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroaniline, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatolylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .25 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —
Methyl acetone, tanks.....gal. .25 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 8c. higher on tanks and 4c. per gal. higher on drums, car lots.

pure, synth., dms., c.l., Zone 0, frt. alld..gal. .28 - —
2, frt. allc..... ..gal. .
3, frt allc.....gal. 13 -
4, frt. allc .....gal. 14 -
l.c.l., Zone 1, frt. allc. or dlvd .gal 40¼- —
2, frt. allc. or dlvd., gal. .47 - —
3, frt. allc. or dlvd .gal 44½- —
4, frt. allc. or dlvd. gal. 60 -
tanks, Zone 1, frt. allc gal. .33 -
2, frt. allc..... .gal. .35½- —
3, frt. allc..... .gal. .36½- —
4, frt. allc.....gal. .37 - —

Synthetic methanol sales zones are —Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R.....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .08½- —
W. of Miss. R.....lb. .09½- —
tanks, dlvd. E. of Miss R. lb. .07 - —
W. of Miss. R.....lb. .08 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R. .....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R. .....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks.....gal. .25 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 8c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies.....gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks Zone 1, frt. alld. E. of Rockies.....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol, (see Methanol).
Anthranilate, bots. .....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 150-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 2.45 - 2.75
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms. .....lb. .40 - .42
cns. .....lb. .42 - .45
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .30 - —

Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dms., cryst., bots..lb. 3.20 - 3.30
imp, bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
230 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs, works, ton.39.00 - —
paint, bgs, extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., dlvd. E..lb. .04½- —
l.c.l., 1,000 lbs., dlvd. E..lb. .04¾- —
smaller lots, dlvd. E..lb. .05¼- —
100 lbs., works....lb. .03½- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04½- —
c.l., 1,000 lbs., frt. all., E..lb. .04¾- —
smaller lots, frt. alld., E..lb. .05½- —
rubber bgs, c.l., frt. alld. E.lb. .04 - —
l.c.l., 1,000 lbs., frt. alld., E..lb. .04½- —
smaller lots, frt. alld., E..lb. .05 - —
wet-ground mica prices are ½c. per pound higher on Pacific Coast.
Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16½- —
Millet seed, yellow, bgs.....lb. .03 - .03½
early fortune, bgs.....lb. .02 - .02½
hulled, bgs. .....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms. .....lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniliin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb.....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb.....lb. 3.80 - —
xylol, cns., 100 lbs. or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb.....lb. 1.25 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .04½- .05
California, brown, bgs.....lb. .06¾- .07
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .07¾- .08
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .07¾- .08¼
Roumanian, yellow, bgs....lb. .05¾- .06

Myrobalans, J1, bgs., shipt...ton.26.00 - —
J2, bgs., shipt.....ton.18.00 - —
R2, bgs., shipt.....ton.17.00 - —
Extract, liquid, 25%, bbls....lb. .03¾- .03¼
solid, 50% bbls.....lb. .04¾- —
powdered, 70% bbls.....lb. .05¾- —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs. 2.35 - 2.65
78 deg., bgs., bbls., wks., 100 lbs. 2.75 - 3.35
import, bgs., Atl. ports..100 lbs. 1.50 - 1.85
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb. cs., same basis...lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls .....lb. .36 - .37½
Chloride, bbls. .....lb. .15 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls. .....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb, tins .....lb. .86½- —
Nitersake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .06 - —
l.c.l. .....lb. .00 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼ and 40. sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .32 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.03 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton. 2.25 - —
f.o.b. Chemical, Ill. unit-ton. 2.35 - —
East Coast producing points..unit-ton. 2.60 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.65 - 2.75
Nitronaphthalene, bbls.....lb. .24 - .26
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19 - .19½
110s, bgs., cs.....lb. .17½- .18
West Indian, bgs.....lb. .11¼- .11¾
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l. wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.30
s.p.a., bots.....lb. 2.40 - 2.45
sweet, true, exp., cns.....lb. .65 - .68
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.45.00 -52.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .70 - .75
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks .....lb. .06¾ Nom.
Bay, W. I., cns.....lb. 1.30 - 1.35
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers .....lb. 3.65 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns. .....lb. .60 - .65
Bois de rose, Brazil, cns....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .42 - .45
USP IX, cns. .....lb. .48 - .50
Calamus, cns. .....lb. 3.60 - 4.25
Camphor, sassafrassy, cns....lb. .21 - .22
dms. .....lb. .19 - .20
white, cns.....lb. .20 - .21
dms. .....lb. .17 - .18
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns. .....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 2.00 - 2.05
Caraway, USP, cns.....lb. 1.80 - 1.85
Cardamom, bots. .....lb.15.00 -33.00
Cassia, USP, cns., dms.....lb. .83 - .85
Castor, blown, one-way dms., c.l..lb. .11¾- —
l.c.l. .....lb. .12 - —
Medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ...lb. .09½- —
l.c.l. .....lb. .10¼- —
(5-gal.), l.c.l. .....lb. .11½- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08½- —

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l..lb. .06¼- .06¾
l.c.l. .....lb. .07¼- .08¾
75% (63% fat), dms., c.l..lb. .09 - .09½
l.c.l. .....lb. .10 - .10½
80% (68% fat), dms., c.l..lb. .09½- .10¼
l.c.l .....lb. .10¼- .11
Cedarleaf, cns. .....lb. .63 - .68
dms. .....lb. .56 - .58

"Let it go, Sonny. About as much chance of finding that ball as there is of finding a speck of dirt in a carload of Niagara

Niagara
ALKALI COMPANY
42nd STREET, NEW YORK, N. Y.
Affiliated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Carbonate of Potash"

P.S. You'll find that Niagara Caustic Soda and Caustic Potash are exceptionally pure, too.

● Experience counts—and counts heavily—in producing and servicing such an important product as liquid chlorine. That's why EBG, America's pioneer producer, is favored by many of the country's most exacting users. They know that EBG has the experience to handle all problems and meet all requirements wherever liquid chlorine is used. You hear it often—"They know their stuff at EBG!"

ELECTRO BLEACHING GAS COMPANY

MAIN OFFICE: 60 EAST 42nd STREET, NEW YORK, N. Y. • PLANT: NIAGARA FALLS, N. Y.

EBG Liquid Chlorine
FIRST IN THE COUNTRY

Oil, cedarwood, Oregon, cns., dms..lb. .28 - .30
Southern, cns., dms.....lb. .18½- .23
Celery, bots.....lb. 7.50 -12.50
Chaulmoogra, USP, cns., 500 lbs., lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms. .....lb. .12½- .12¾
tanks .....lb. .12 Nom.
Cinnamon, Ceylon, bots.....lb. 3.50 -22.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .35 - .35½
dms. .....lb. .33 - .3
Java, dms.....lb. .3½- .38
Clove, makers, USP, cns.....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .03¼- —
Pac. Cst.....lb. .02⅞- .03
edible, 76°, tax incl., dms., (returnable), c.l..lb. .09 - —
l.c.l. .....lb. .09¼- —
tanks .....lb. .08¼- —
Cod, Newfoundland, shipt., tanked, bbls..gal. .33 Nom.
Norwegian, shipt., bbls...gal. .27 - .29
Codliver, med., U.S.P., Norwegian, bbls..bbl.26.00 - 27.00
Coriander, bots. .....lb.13.50 -20.00
Corn, crude, tanks, works...lb. .06¾- .07
refd., bbls.....lb. .09¾- .10
Cottonseed, d o m . cooking, bbls..lb. .09¼- —
salad, bbls.....lb. .09½- —
import, Brazilian, semi-refd., dms..lb. .0475- —
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.75 - 3.80
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .35 - .37
dms. .....lb. .33 - .35
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. .95 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .95 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04¼
Furnace, Bayonne, 1, bulk, refinery..gal. .06 - —
2, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04¾- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¾- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36 .....gal. .03½- .03⅝
36-38 .....gal. .03⅝- .03¾
38-40, straw.....gal. .03¾- .04
38-40 zero, 60 e.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .04¼- .04¼
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk.....gal. .02¼- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns.lb. 3.25 - 4.50
Bourbon, cns.....lb. 2.65 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.15
Grapeseed, dms.....lb. .40 - .60
Ginger, dist., bots.....lb. 5.50 - 5.75
Guaiac wood, concrete, bots.lb. 2.65 - 3.30
Haarlem, import., bots....gross 3.15 - 3.25
Halibut-liver, dms.....1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. .60 - .65
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns. .....lb. .41 - .44
Lard, common, 1, bbls.....lb. .08¾- —
2, bbls.....lb. .08½- —
extra, bbls.....lb. .09¾- —
1, bbls.....lb. .09 - —
winter, strained, extra, bbls., lb. .09¼- —
prime burning, bbls.....lb. .10 - —
prime, ed., bbls.....lb. .11½- —
ined., bbls.....lb. .09¾- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 1.95 - 2.05
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
38-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns. .....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 3.05 - 4.00
Lemongrass, native, cns., dms., lb. .38 - .40
Lime, dist., cns.....lb. 3.55 - 4.25
expressed, cns.....lb. 7.50 - 8.50
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l...lb. .0930- —
l.c.l., 5 or more.....lb. .0970- —
less than 5.....lb. .1010- —
tanks .....lb. .0870- —
double boiled, bbls., less than 5 lbs..lb. .1030- .1050
raw, bbls., c.l.....lb. .0890- —
l.c.l., 5 or more.....lb. .0930- —
less than 5.....lb. .0970- —
tanks .....lb. .0830- —
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks.gal. .17½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks.gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .18¼- —
190-200 D, color 4¼, 15-25 pour, tanks..gal. .22 - —
200-210 E. 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks... gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —

Oil, lubricating, at refinery, Oklahoma, neutrals, 4 color, tanks..gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-15 pour, tanks..gal. .18 - —
cylinder, 600 fire, tanks, gal. .11½- —
600 flash, tanks.....gal. .14 - —
620 flash, tanks.....gal. .17 - —
35 fire, tanks.....gal. .12½- —
650 fire, tanks.....gal. .13½- —
Warren, E, amber, tanks, gal. .15 - —
neutral, 150 vis., 3 color, tanks..gal. .18 - —
180 vis., 3 color.tanks..gal. .18½- —
200 vis., 2 color,tans..gal. .20 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .24 - —
unfiltered, 600 s.r....bbls., f.a.s..gal. .20 - —
600 flash, s.r., bbls., c.l., gal. .22 - —
630 s.r., bbls., c.l., f.a.s, gal. .20½- —
Warren, E, bbls., c.l., f.a.s, gal. .22½- —
smaller lots, f.o.b..gal. .23½- —
Mace, dist., cns., dms.....lb. 1.20 - 1.25
Mandarin, superior, coppers..lb. 6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto..gal. .30 - —
refd., alkali, dms.....lb. .0670- .0690
tanks .....lb. .0610- —
blown, ...lb. .0670- .0690
kettle-bodied, dms.....lb. .0760- .0780
light, pressed, dms.....lb. .0610- .0630
tanks .....lb. .0550- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.65 - 1.70
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .65½- .70
Neatsfoot, 20° cold test, bbls lb. .13¼- —
extra, bbls.....lb. .09¾- —
1, bbls.....lb. .09 - —
pure, bbls.....lb. .11¾- —
prime, bbls.....lb. .09½- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.85.00- 140.00
Nutmeg, USP, cns., dms....lb. 1.20 - 1.25
Olticica, dms. .....lb. .10½- .10⅝
Oleo, 1, bbls.....lb. .09¼- —
2, bbls.....lb. .08¾- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. .94 - .98
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .07 - .07¼
sulphonated, 50% (43% fat), dms., c.l..lb. .11½- .12
l.c.l. .....lb. .12½- .13
75% (63% fat), dms., c.l..lb. .13½- .14
l.c.l. .....lb. .14½- .15
80% (68% fat), dms., c.l..lb. .14½- .15
l.c.l. .....lb. .15½- .16
Orange sweet, dist., cs....lb. .50 - —
expressed, A f r i c a n, cns., dms..lb. .80 - .85
Calif., cns.....lb. .65 - .75
Messina, USP, coppers.lb. 2.25 - 3.25
West India, cns.....lb. 1.90 - 2.00
Origanum, Spanish, cns....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, csks.....lb. .03½- .03⅝
shipment .....lb. .0290- —
softs, 12½%, bulk, shipt....lb. .0275- —
20%, bulk, shipt.....lb. .0265- —
Sumatra, shipt., bulk.....lb. .02¾ Nom.
Palmarosa, cns.....lb. 2.00 - 2.25
Palmkernel, bulk, shipt.....lb. .0365 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05⅝- —
Patchouli, bots., cns.....lb. 3.75 - 6.50
Peanut, crude, dom., tanks..lb. .06¾- .07
refd., edible, bbls...c.....lb. .10½- .10¾
Pennyroyal, dom., cns.....lb. 1.40 - 1.45
import, cns.....lb. 1.50 - 1.75
Peppermint, natural, cns., dms., lb. 2.15 - 2.45
redist., USP, cns., dms.....lb. 2.35 - 2.65
Perilla, dms.....lb. .09¾- .10
tanks .....lb. .0900- .0920
Petitgrain, Paraguay, cns.....lb. .82½- .90
Pimento berry, cns.....lb. 3.35 - 3.65
leaf, cns.....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports....gal. .46 - .48
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. .95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls.....gal. .78 - .80
Red, dist. or saponif., bbls., dlvd..lb. .08¾ Nom.
dms., dlvd.....lb. .08¼ Nom.
tanks, dlvd.....lb. .07½ Nom.
white, dms.....lb. .11¼ Nom.
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppere.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.50 - 1.55
Sandalwood, E.I., USP, cns..lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst. gal. .28 - —
refd., alkali, dms.....lb. .0670- .0690
tanks .....lb. .0610- —
kettle-bodied, dms.....lb. .0760- .0780
light, pressed, dms.....lb. .0610- .0650
tanks .....lb. .0550- —
Sassafras, artif., cns.....lb. .36 - .37
dms. .....lb. .34 - .35
natural, cns., dms.....lb. .90 - 1.00
Savin, cns.....lb. 1.60 - 1.65
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., dms.....lb. .10½ Nom.
Shingle stain, bbls., c.l., wks. gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00

Oil, soybean, dom., crude, dms..lb. .0635- .0700
tanks .....lb. .05¾- .06⅞
refd., dms.....lb. .0755- .0825
tanks .....lb. .0675- .0685
Spearmint, USP, cns.....lb. 1.70 - 1.75
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cns., dms.....lb. .36½- .75
Sweet, birch, North, cns....lb. 2.25 - 3.50
South, cns.....lb. 1.65 - 2.00
Tall, crude, dms., c.l., works, ton.45.00 - —
l.c.l., works.....ton.50.00 -65.00
tanks, works.....ton.35.00 - —
refined, dms., c.l., works...lb. .05½- —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .05 - —
Tallow, acidless, bbls.....lb. .08½- —
tanks .....lb. .08 - —
Tansy, cns.....lb. 5.75 - 6.00
Tar, comi, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities...gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports..gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .07¼- .07½
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms. .....lb. .85 - 1.45
Ti tree, cns.....lb. 2.75 - 3.10
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. .....gal. 4.25 - 5.00
Valerian, bots.....lb. 8.00 - 8.25
Vetiver, bots.....lb. 3.65 -16.50
Walnut, crude, dms.....lb. .13 - .13½
refd., dms. .....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0770- .0790
winter, bleach, dms.....lb. .0810- .0830
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms.....gal.17.50 -25.00
White, mineral, doms., tech., 50-60 vis., dms.....gal. .42 - —
65-75 vis., dms.....gal. .44 - —
80-90 vis., dms.....gal. .45 - —
USP, 80-90 vis., dms...gal. .49 - —
95-105 vis., dms.....gal. .57 - —
125-135 vis., dms.....gal. .64½- —
140-150 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
200-210 vis., dms.....gal. .74½- —
320-330 vis., dms.....gal. .80½- —
335-345 vis., dms.....gal. .82 - —
Russian, 80-90 vis., dms.gal. .49 - —
145-155 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
335-345 vis., dms.....gal. .82 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.30 - 2.35
Wormwood, cns.....lb. 3.25 - 3.30
Ylang-ylang, Bourb., bots., cns., lb. 3.50 - 6.00
Manila, bots. .....lb.18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
ground, 200 mesh, c.l., mines, ton...15.00 - —
20 mesh to dust.....ton.10.00 - —
Opium, USP, cns.....lb.11.50 -12.50
gran., cns. .....lb.12.50 -13.50
powd., cns. .....lb.12.50 -13.50
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11¼- —
Colo., Mont., N. M., Wyo..lb. .11 - —
Other points .....lb. .10½- —
smaller lots, dlvd., Ala., etc..lb. .11¼- —
Ariz., etc. .....lb. .11¾- —
Colo., Mont., N. M., Wyo..lb. .11½- —
Other points .....lb. .11 - —
French, Tours, casks, ex dock, lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .33 - .35
Orange peel, bitter, bls.....lb. .08 - .09
sweet, bls.....lb. .13 - .18
Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .85 - .90
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
Orthodichlorobenzene, l.c.l., same basis..lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .08 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls.....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.25 - 1.30
Paprika, Hungarian, extra fancy, bgs..lb. .30 - .31
medium, bgs.....lb. .27 - .28
Spanish, extra fancy, cs.....lb. .28½ Nom.
medium, bgs.....lb. .24½ Nom.
Para-aminoacetanilide, kgs. ..lb. .85 Nom.
Parachlorophenol, dms. .....lb. .45 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobensene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .13½

Oil, Cedarwood—Petrol.

Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0235- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0235- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03¾- —
loose, c.l. .....lb. .0355- —
125-127 A.m.p., bgs., c.l...lb. .0390- —
loose, c.l. .....lb. .0370- —
128-130 A.m.p., bgs. or loose, c.l..lb. .04 - —
131-133 A.m.p., bgs. or loose, c.l..lb. .0435- —
133-135 A.m.p., bgs. or loose, c.l..lb. .0465- —
135-137 A.m.p., bgs. or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs. or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs. or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs. or loose, c.l..lb. .0815- —
refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02¼- .02⅝
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 96% 55 and 100 gal. dms., dlvd..lb. .16 - —
5 and 10 gal. dms., dlvd., lb. .17 - —
USP, cs., cbys.....lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower herb, bls.....lb. .07 - .07½
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls.....lb. .16 - .17
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls.....lb. .14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Alleppy, bgs....lb. .08¼- .08½
Lampong, bgs.....lb. .0500- .0330
Tellicherry, bgs.....lb. .08⅝- .09
Red, chillies, Japan, 1, bgs..lb. .19 - .19½
Mombassa, bgs.....lb. .21 Nom.
White, Java, Muntok, bgs...lb. .07¾- .08
Saigon, bgs.....lb. .07½- .08¼
Peppermint leaves, dom., bls..lb. .23 - .24
import, bls. .....lb. .40 - .41
Peru, balsam, dms.....lb. .65 - .70
Petrolatum, amber, bbls., c.l..lb. .02¾- .02¾
l.c.l. .....lb. .03¾- .03¾
extra, bbls.....lb. .02½- .03
l.c.l. .....lb. .03½- .04½
cream (see white, cream).
green (see red).
red, veterinary, bbls., c.l....lb. .02½- —
white, cream, bbls., c.l.....lb. .04¼- —
l.c.l. .....lb. .05¾- .06¾
lily, bbls., c.l.....lb. .03¼- —
l.c.l. .....lb. .06⅝- .07¾
snow, bbls., c.l.....lb. .06¼- —
l.c.l. .....lb. .07¾- .08¼
Petroleum crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens .....bbl. .84 - 1.00
Belridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Canal-Greely .....bbl. .91 - 1.68
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote .....bbl. .76 - .96
Elk Hills .....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
El Segundo.....bbl. .80 - 1.21
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.18
McKittrick .....bbl. .70 - —
Midway-Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Orcutt .....bbl. .70 - .93
Olinda Brea.....bbl. .76 - 1.27
Playa del Rey, f.o.b. pipeline .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.68
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .96
Wilmington .....bbl. .75 - 1.21
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.05 - —
Lima .....bbl. .90 - —
Midland (Mich.).....bbl. 1.12 - —
Princeton .....bbl. 1.05 - —
East Texas.....bbl. 1.10 - —
Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson .....bbl. .95 - 1.41
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .95 - 1.41
Goose Creek.....bbl. .79 - 1.28
Hull .....bbl. .95 - 1.41
Humble .....bbl. .90 - 1.41
Liberty .....bbl. .90 - 1.41
Markham .....bbl. .90 - 1.29
Orange .....bbl. .95 - 1.41
Pettus .....bbl. 1.29 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. .79 - 1.38
Saratoga .....bbl. .95 - 1.41
Sour Lake.....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland .....bbl. .79 - 1.28
West Columbia .....bbl. .79 - 1.28

Petrol.—Red, Indian

Petroleum, crude, bulk, at wells—
Kentucky, Tennessee:—
Big Sandy river....bbl. 1.22 - —
Kentucky river....bbl. 1.30 - —
Western Kentucky (Owensboro)..bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou....bbl. .90 - 1.22
Caddo....bbl. .73 - 1.05
Cameron Meadows....bbl. .90 - 1.30
Choctaw....bbl. .74 - 1.20
Cotton Valley....bbl. .90 - 1.22
Darrow....bbl. .74 - 1.20
De Soto....bbl. .73 - 1.05
El Dorado....bbl. .73 - 1.05
Haynesville....bbl. .73 - 1.05
Homer....bbl. .73 - 1.05
Iowa....bbl. .90 - 1.30
Lockport....bbl. .90 - 1.30
Miller County....bbl. .73 - 1.05
Pine Island....bbl. .90 - 1.22
Rainbow....bbl. .90 - 1.22
Rodessa....bbl. .73 - 1.05
Smackover....bbl. .73 - —
Tepetate....bbl. 1.24 - —
Urania....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco....bbl. No prices
Tuxpan....bbl. No prices
Midcontinent:—
North Texas....bbl. .78 - 1.10
Oklahoma-Kansas....bbl. .78 - 1.10
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio West Virginia:—
Bradford-Allegany....bbl. 1.68 - —
Corning....bbl. 1.07 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.18 - —
Eureka lines....bbl. 1.28 - —
N. Y. Transit lines. bbl. 1.68 - —
S. W. Penn. lines..bbl. 1.34 - —
lower district in National Transit lines.bbl. 1.56 - 1.61
Rocky Mountain:—
Big Muddy....bbl. 1.18 - 1.23
Canon City-Florence...bbl. 1.10 - —
Cat Creek....bbl. 1.40 - —
Dutton Creek....bbl. .86 - 1.10
Elk Basin....bbl. .90 - —
Fort Collins-Wellington, bbl. 1.01 - 1.26
Frannie, light....bbl. .45 - .52
Grass Creek, light....bbl. .90 - —
Greybull....bbl. 1.30 - —
Iles....bbl. .92 - .98
Lance Creek....bbl. .77 - —
Lander....bbl. .51½ - —
Midway....bbl. .86 - 1.10
Rock Creek....bbl. 1.00 - —
Salt Creek....bbl. .86 - 1.10
Sunburst....bbl. 1.20 - —
Torchlight....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County....bbl. .98 - 1.25
Cleveland-Liberty....bbl. 1.27 - —
Conroe....bbl. 1.27 - —
Darst Creek....bbl. .96 - —
Hardin-Liberty....bbl. 1.15 - —
Luling....bbl. 1.00 - —
Lytton Springs....bbl. 1.12 - —
Mirando (incl. Duval).... bbl. .74 - 1.33
Panola County....bbl. .93 - 1.25
Salt Flat....bbl. .96 - —
Tomball....bbl. .95 - 1.41
West Beaumont....bbl. .79 - 1.28
Van....bbl. .93 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County....bbl. .72 - 1.06
West Texas:—
Artesia, N. M....bbl. .90 - —
Crane....bbl. .53 - .95
Crockett....bbl. .53 - .95
Ector....bbl. .53 - .95
Eddy (N. M.)....bbl. .90 - —
Hogback....bbl. 1.33 - —
Howard....bbl. .53 - .95
Jackson, N. M....bbl. .90 - —
Lea, N. M....bbl. .53 - .95
Maljamar, N. M....bbl. .90 - —
Mitchell....bbl. .78 - 1.08
Pecos....bbl. .91 - —
Upton....bbl. .53 - .95
Winkler....bbl. .53 - .95
Ether, 30-60°, dms., c.l., G. 3, gal. .14 - —
l.c.l., G. 3....gal. .25 - —
tanks, G.3....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3....gal. .25 - —
tanks, G.3....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .14 - —
c.l., G.3....gal. .25 - —
10-gal. lots, G.3....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½ - —
f.o.b. Richmond....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12½
Group 3, tanks....gal. .07½ - .07⅝
Naphtha, cleaners', at refinery:—
East Coast, tanks....gal. .10 - —
Group 3, tanks....gal. .06⅜ - .06⅝
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport....gal. .13½ - —
Chicago, inc. 4c. tax..gal. .17½ - —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, inc. ex tax.gal. .14½ - .15½
Milwaukee, inc. 5c. tax, gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —
Newark, ex tax....gal. .12 - —
New York, ex tax....gal. .12 - —
Omaha, ex tax....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½ - —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans..gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway....gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
3, tanks, f.o.b. Bayway..gal. .18 - —
3, tanks, f.o.b. Paulsboro, N. J..gal. .14 - —
30, same basis....gal. .16 - —
40, same basis....gal. .14½ - —
V. m. & p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½ - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½ - —

Petroleum, crude, bulk, at wells:—
Pennsylvania (Continued):—
Portland, Seattle..gal. .11 - —
East Coast, tanks....gal. .10 - —
Group 3, tanks....gal. .06⅜ - .06⅝
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½ - —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax.gal. .206 - —
Minneapolis-St. Paul, inc. 6c. tax..gal. .208 - —
Newark, ex tax....gal. .12½ - —
New York, ex tax....gal. .11 - —
Omaha, ex tax....gal. .144 - .154
Philadelphia, ex tax...gal. .12½ - —
St. Louis, inc. 1c. tax.gal. .16 - —
Solvent, rubber, at refinery, East Coast, tanks..gal. .09½ - .10
Group 3, light, 120 i.b.p., 250 e.p., tanks...gal. .06⅜ - .06⅝
standard, 180 i.b.p., 288 e.p., tanks..gal. .06⅜ - .06⅝
Stoddard (CS 3-38), at refinery:—
East Coast, tanks....gal. .10 - —
Group 3, tanks....gal. .05⅜ - .06½
tankwagon, Boston, ex tax, gal. .12½ - .13½
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .184 - —
Des Moines, inc. 4c. tax.gal. .182 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .196 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax....gal. .09½ - .11¼
New Orleans, ex tax....gal. .11 - —
New York, ex tax....gal. .09½ - .11½
Omaha....gal. .131 - .14
Philadelphia, ex tax...gal. .10½ - .12½
St. Louis, inc. 1c. tax.gal. .139 - —
Tulsa, ex tax....gal. .10 - .11
Thinners, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore....gal. .16 - —
Richmond....gal. .14½ - —
Seattle, Wash....gal. .16½ - —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½ - —
Richmond....gal. .10 - —
Southern Calif....gal. .09½ - —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond....gal. .11½ - —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½ - .10
47-49, tanks....gal. .09½ - .10
New Jersey, tanks...gal. .09 - —
Group 3, tanks....gal. .05⅜ - .05⅝
tankwagon, tax included:—
Albany....gal. .13 - —
Baltimore (100 gals.)..gal. .12½ - .15½
25-99 gals....gal. .13½ - .15½
Boston....gal. .12½ - .13½
Bound Brook, North Amboy, N. J..gal. .11½ - .13½
Bridgeport, Conn....gal. .11½ - —
Buffalo....gal. .12½ - —
Camden, N. J....gal. .10 - .12
Chicago....gal. .162 - —
Decatur, Ill....gal. .184 - —
Des Moines....gal. .182 - —
Evansville, Ind....gal. .137 - .147
Milwaukee....gal. .196 - —
Minneapolis-St. Paul..gal. .198 - —
Newark....gal. .09½ - —
New York (200 gals)..gal. .09½ - .11
Omaha....gal. .131 - .141
Philadelphia....gal. .10 - —
Pittsburgh....gal. .12 - .14
Providence....gal. .12½ - .13½
Rochester....gal. .12 - —
St. Louis....gal. .15 - —
Syracuse....gal. .14 - —
Trenton....gal. .11½ - .14
Wilmington, Del....gal. .11½ - .13½
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½ - .15½
l.c.l., same basis....lb. .15½ - .16¼
under 1,000 lbs....lb. .16¼ - .17¼
tanks, works....lb. .13½ - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
Yellow, fib., dms., 2000-lb. lots., lb. .80 - —
100-lb. fib., dms....lb. .82 - —
25-lb. dms....lb. .87 - —
50-lb. kgs....lb. .84 - —
Phenyl chloride, dms....lb. .17 - —
Phenylacetaldehyde, bots....lb. 2.25 - 3.50
Dimethylacetate, cns....lb. 14.50 - 15.00
Phenylethylphenyl acetate, bots., lb. 7.90 - 15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb. 20.00 - 22.00
tech., tins, works....lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines, long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk mines..long ton. 3.85 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs....lb. .40 - .44
Yellow cs....lb. .24 - .26
oxychloride, cyls....lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .12 - —
Sesquisulphide, cs....lb. .38 - .42
Trichloride, cyls....lb. .15 - .18
Phthalamide, bbls., tons....lb. .35 - —
single bbls....lb. .40 - —
kgs....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½ - —
l.c.l., same basis....lb. .15½ - —
Pichi leaves, bgs....lb. .10 - .12
Pilocarpine hydrochloride, bots., vis..oz. 2.40 - 2.50
Nitrate, bots., vis....oz. 2.90 - 3.00
Pimento, bgs....lb. .13¼ - .13¾
Pinkroot, bls....lb. .35 - .36
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l. works..ton. 19.00 - —
l.c.l....ton. 22.00 - —
hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 23.75 - 24.00
linseed, dms....lb. .06 - .06¼
Petroleum (see Asphaltum, Mexican, Texas)
Pine, bbls....lb. 6.00 - 6.25

Plaster of paris (see Gypsum).
Pleurisy root, bls....lb. .11 - .12
Podophyllin, dms....lb. 4.50 - 4.70
Poke root, bls....lb. .07½ - .08
Pomegranate bark, bgs....lb. .16 - .17
Root bark, bgs....lb. .35 - .36
Poppy flowers, red, bls....lb. .55 - .70
Seed, Dutch, bgs....lb. .08¼ - .08⅝
Polish, bgs....lb. .08¼ - .08⅝
Potash abietate....lb. .9⅝ - —
Acetate, tech., bbls., dlvd..lb. .26 - —
kgs., dlvd....lb. .28 - —
USP, bbls., 250 lbs....lb. .28 - —
kgs., 100 lbs....lb. .30 - —
cns., 25 lbs....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs....lb. .12 - —
Bicarbonate, USP, cryst., bbls. 300 lbs....lb. .15 - —
kgs., 100 lbs....lb. .17 - —
gran., bbls., 250 lbs....lb. .15 - —
kgs., 100 lbs....lb. .17 - —
Bichromate, spot, c.l., works.lb. .08⅞ - —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼ - —
Bromide, USP., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06¼ - —
l.c.l., same basis....lb. .06⅜ - —
hydrated, 83-85%, bbls., c.l., works..lb. .05½ - —
l.c.l., same basis....lb. .05⅝ - —
liquid, dms., c.l., dlvd....lb. .03 - —
l.c.l., dms....lb. .03½ - —
tanks, dlvd....lb. .02871⅛ - —
USP, gran., bbls., 325 lbs..lb. .14 - —
powd., bbls., 325 lbs....lb. .19 - —
kgs., 100 lbs....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l....lb. .07¼ - .07½
import, dms....lb. .07 - .07½
liquid, 45% basis, dms....lb. .03½ - .03¼
tanks....lb. .02⅝ - —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼ - —
l.c.l....lb. .06½ - .06⅝
import, dms....lb. .06¼ - .06⅝
Chlorate, cryst., kgs....lb. .09¼ - .09⅝
gran., kgs....lb. .12 - .13
powd., kgs....lb. .06½ - .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½ - —
kgs., 100 lbs....lb. .34½ - —
cns., 50 lbs....lb. .35½ - —
cns., 25 lbs....lb. .37½ - .38¼
Cyanide, cns., dms....lb. .50 - .55
Glycerophosphate, 75%, s o l., dms., 1,000-lb. lots..lb. .90 - —
100-lb. lots....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns....lb. 1.15 - —
Guaiacolsulphonate, fib., dms., 100 lbs. 1.65 - —
cns., 25 lbs....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs. .30½ - .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs....lb. .75 - —
Iodate, bots., 5 lbs....lb. 3.31 - 3.35
cns., 25 lbs....lb. 3.20 - —
Iodide, bbls., 250 lbs....lb. 1.13 - —
bots., or cns....lb. 1.22 - 1.48
dms....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f., ports..ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports....unit-ton. .58½ - —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½ - —
Metabisulphite, kgs....lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk, unit-ton. .53½ - —
import, all strngths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports.. unit-ton. .53½ - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls....lb. .25 - .26
Nitrate, crude, bgs., c.l.f. ports. ton. 55.00 Nom.
Perchlorate, kgs.. works....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½ - .19
Prussiate, red, bbls....lb. .30½ - .34
Yellow, bbls....lb. .15 - .16
Potash, ricinoleate, tech., bbls.. lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs....lb. .15 - —
powd., bbls., 350 lbs....lb. .14 - —
kgs., 100 lbs....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton. 38.00 - —
l.c.l....lb. .13½ - —
Xanthate, dms., c.l....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., ships. ton. 25.75 - —
Potash-titanium oxalate, kgs...lb. .35 - .40
Prickly ash bark, bls....lb. .12 - .13
Berries, bls....lb. .18 - .20
Prince's pine herb, bls....lb. .21 - .22
Propane, tanks, G.3....gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls....lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½ - —
F and 1, bbls., 3 or over, works..lb. .03½ - —
less than 3, works..lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works..lb. .04½ - —
3 or over, works..lb. .04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y. ton. 32.85 Nom.
l.c.l., 5-29 tons, ex whse., ton. 37.70 - —
1,000-10,000 lbs., ex whse..ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton. 40.70 - —
single bgs., ex whse.ton. 45.70 - —
Pumpkin seed, bgs....lb. .10 - .12
Purple lake (see Red).
Putty, com'l, dms....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms....100 lbs. 5.00 - —
standard, dms....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 6.40 - 6.75
basis (30 to 1) 3.6% pyrethrins 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand..gal. 9.60 - 9.95
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .27 - .28½
fine powd. Japan, bbls., ton lots frt. alld..lb. .28 - .30
Pyridin, denaturing, dms....gal. 1.53 - —
refd., 2°, dms....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms, tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.00 - —
325 mesh, same basis....ton. 12.00 - —
No. 3, 200 mesh, c.l. mines..ton. 7.50 - —
325 mesh, same basis....ton. 10.50 - —
Pyroxylin, scrap, amber, cs., works..lb. .12 - —
black, cs., works....lb. .10 - —
China white, ivory, cs., works..lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works..lb. .20 - —
colors, cs., works....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works....lb. .15 - —

Q

Quassia, chips, bls....lb. .05 - .06
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03⅝ - —
tanks, works....lb. .02⅞ - —
Quebracho, extr., solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼ - —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .07½ - .08¼
solid, dms....lb. .10 - .15½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y..flasks. 76.00 - 76.50
Quince seed, bgs....lb. .80 - 1.00
Quinidine, cryst., small cns...oz. .96 - —
large, cns....oz. .98 - —
powd., precip., cans....oz. .91 - —
Sulphate, cns....oz. .67 - —
Quinine, 100 ozs., cns....oz. .76 - —
Acetate, cns....oz. .99 - —
Arsenate, cns....oz. .99 - —
Arsenite, cns....oz. 1.01 - —
Bisulphate, cns....oz. .54 - —
Citrate, cns....oz. .72 - —
Dihydrobromide, bots....oz. .75 - —
Dihydrochloride, bots....oz. .75 - —
Ethylcarbonate, cns....oz. .75 - —
Ferrocyanide, cns....oz. 1.01 - —
Formate, cns....oz. .94 - —
Glycerophosphate, cns....oz. 1.14 - —
Hydrochloride, cns....oz. .68 Nom.
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns....oz. .99 - —
Hypophosphite, cns....oz. .99 - —
Phosphate, cns....oz. .82 - —
Salicylate, cns....oz. .78 - —
Sulphate, U.S.P. X, cns....oz. .54 - —
U.S.P. XI, cns....oz. .61 - —
Sulphocarbolate, cns....oz. .97 - —
Tannate, cns....oz. .57 - —
Tartrate, cns....oz. .97 - —
Valerate, cns....oz. .93 - —
Quinine-urea hydrochloride cns.oz. .75 - —

R

R, salt, dry, bbls....lb. .55 - —
paste, dms....lb. .52 - —
Rapeseed, Belgian, bgs....lb. .06¼ - .06½
Dutch, black, bgs....lb. .06¼ - .06½
red, bgs....lb. .06¼ - .06⅝
Japanese, bgs....lb. .06 - .06¼
Raspberries, dried, bls....lb. .36 - .38
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots....lb. 4.00 - —
100-lb. lots....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Resin toner, bbls....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08⅝ - —
80%-85%, bbls., same basis..lb. .07¼ - —

Red, iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order..lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order..lb. .80 - —
Rose lake, bbls..lb. .20 - .30
Pink, bbls..lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts..lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom..bbls..lb. 1.26 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works..lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04⅝
ex whse., Chicago, St. Louis..lb. .05⅞- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kegs..lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs..lb. 1.50 - 2.00
Scarlet ink toner, kgs, same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., f.o.b. N.Y., lb. .03¾- .0390
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works..lb. .0220- —
10%, bbls., works..lb. .0245- —
15%, bbls., works..lb. .0255- —
20%, bbls., works..lb. .02⅝- —
25%, bbls., works..lb. .03 - —
30%, bbls., works..lb. .03½- —
35%, bbls., works..lb. .0360- —
40%, bbls., works..lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 500 lbs..lb. 1.50 - —
smaller lots..lb. 1.51 - 1.64
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.51 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works..lb. .75 - .80
USP, cryst., bbls., works..lb. 1.50 - 1.55
Rhatany root, bgs..lb. .09 - .10
Rhodinol, bots..lb. 6.65 - 13.00
Rhubarb root, cs..lb. .32 - .35
powd., bbls., kgs..lb. .37 - .40
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots..lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾- —
smaller lots..lb. .17¼- —
Rose flowers, pale, bls..lb. .25 - .28
red, bls..lb. 2.25 - 2.30
Rosemary flowers, bls..lb. .25 - .30
Leaves, bls..lb. .05 - .06
Rosin, gum B, bbls., ex docks, 280 lbs. 5.05 - —
D, bbls..280 lbs. 5.25 - —
E, bbls..280 lbs. 5.50 - —
F, bbls..280 lbs. 6.15 - —
G, bbls..280 lbs. 6.15 - —
H, bbls..280 lbs. 6.15 - —
I, bbls..280 lbs. 6.15 - —
K, bbls..280 lbs. 6.15 - —
M, bbls..280 lbs. 6.15 - —
N, bbls..280 lbs. 6.55 - —
W. G., bbls..280 lbs. 6.85 - —
W. W., bbls..280 lbs. 7.50 - —
X, bbls..280 lbs. 7.50 - —
Rosin, wood, F. F..280 lbs. 5.75 - 6.45
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse..ton.50.00 - —
import., lump., bbls..lb. .12 - —
powd., bbls..lb. .08½- .10
Rue, bls..lb. .15 - .18

S

Sabadilla seed, powd., bbls..lb. .19 - .20
Saccharin, dms., 100 lbs..lb. 1.70 - —
cns., 25 lbs..lb. 1.75 - 2.05
Safflower, bls..lb. .24 - .25
Saffron, Mexican, bls..lb. .28 - .29
Spanish, tins..lb. 29.50 - 30.00
Safrol, cns..lb. .52 - .54
dms..lb. .50 - .51
Sage, Dalmatian, stemless..lb. .05¾- .06
garden, bls..lb. .06¼- .06½
Sago flour, bgs..lb. .02½- .03¼
Salicin, bots., 5 lbs..lb. 5.00 - —
cns., 25 lbs..lb. 4.75 - —
Salol, gran., bbls., 200 lbs..lb. .90 - —
bxs., 25 lbs..lb. .93 - —
kgs., 100 lbs..lb. .96 - —
powd., fib. dms., 25 lbs..lb. 1.03 - —
kgs., 100 lbs..lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 - 13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 - 15.60
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.15.30 - —
l.c.l., dlvd. N. Y..ton.16.30 - 21.00
Saltcake, grd., dom., bbls., works, ton.19.00 - 25.00
bulk, works..ton.15.00 - —
import, bulk, c.i.f..ton.15.00 - 16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons..100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons..100 lbs. 6.50 - —
1-9 tons..100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons..100 lbs. 7.50 - —
1-9 tons..100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns..lb. 21.00 - 22.00
Saponin, crude, cns..lb. 1.45 - —
purified, bots., 5 lbs..lb. 1.65 - —
cns., 25 lbs..lb. 1.50 - —
Sarsaparilla root, Honduras, bls. lb. .40 - .41
Mexican, bls..lb. .16 - .18
Sassafras, bark, ord., bls..lb. .13 - .15
select, bls..lb. .18 - .20
Savory, bbls..lb. .07 - .07¼
Saw palmetto berries, bgs..lb. .07 - .07¼
Scammony root, bgs..lb. .06 - .07
Schaeffer's salt, bgs..lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .13⅝- —
smaller lots..lb. .14¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots..lb. .14⅝- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases..lb. 1.75 - —
Senega, root, bls..lb. .50 - .51
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls..lb. .10 - .11
Tinnevelly, No. 1, bls..lb. .09 - .10
2 bls..lb. .07 - .08
3, bls..lb. .05½- .06
powd., bbls., bxs..lb. .09 - .10
Pods, bls..lb. .06¼- .08
Serpentaria root, bls..lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston..lb. .19½- .20½
Chicago..lb. .19¾- .20¾
Pacific Coast..lb. .22 - .23
refd., bbls., f.o.b. N.Y..lb. .25 - —
dlvd. Boston..lb. .25½- —
Chicago..lb. .25¾- —
Pacific Coast..lb. .28 - —
Garnet, bgs..lb. .12½- .13
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11½- .12
dlvd. Chicago..lb. .12 - .12½
Pacific Coast..lb. .15 - .15½
T.N., bgs., f.o.b. Bost. N. Y..lb. .11 - .11½
dlvd. Chicago..lb. .11½- .12
Pacific Coast..lb. .14 - .14½
Shellac varnish, orange, 5-lb. cut, bbls..gal. .90 - .95
4½-lb. cut, bbls..gal. .85 - .90
4-lb. cut, bbls..gal. .80 - .85
white, 5-lb. cut, bbls..gal. 1.00 - 1.10
4½-lb. cut, bbls..gal. .95 - 1.05
4-lb. cut, bbls..gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works..ton.17.00 - —
l.c.l., 2½ tons, works..ton.19.00 - —
smaller lots, works..ton.20.00 - —
Silica, amorph., wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works..ton.19.50 - —
smaller lots, works..ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works..ton.36.50 - —
smaller lots, works..ton.38.00 - —
96-98%, 325 mesh., bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works..ton.21.50 - —
smaller lots, works..ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works..ton.25.50 - —
smaller lots..ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works..ton.16.00 - —
Silver bullion..oz. .42¾- —
Govt. purchase..oz. .6464- —
Nitrate, vis..oz. .31½- .33½
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls..lb. .28 - .30
Skatol, bots..lb. 75.00 - 80.00
Skullcap, Eastern, bls..lb. .20 - .21
Western, bls..lb. .14 - .17
Skunk cabbage root, bls..lb. .15 - .17
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works..ton.10.00 - 15.00
Sloe berries, bgs..lb. .10 - .11
Smalt, black, extra velvet, ctns. lb. .05 - .06
Blue, cts..lb. .07 - .08½
Snakeroot, Canada, bls..lb. .24 - .28
Soapbark, bls..lb. .07 - .08
crushed, bls., bbls..lb. .11 - .12
cut, bls., bbls..lb. .09 - .10
powd., bbls..lb. .13 - .14
[illegible] dms..lb. 10 - —

Red, Iron Ox.—Soda Ash

Soda acetate, anhyd., dms., dlvd. lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½- .05
Alginate, dms..lb. .69 - —
Antimoniate, bbls..lb. .12 - .12½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works..lb. .08¼- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works..lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works..lb. .09½- .11½
liquid, 50 gls., dms..gal. .35 - —

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1..100 lbs. 2.13 - —
2..100 lbs. 2.28 - —
3..100 lbs. 2.33 - —
4..100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1..100 lbs. 2.35 - —
2..100 lbs. 2.50 - —
3..100 lbs. 2.75 - —
4..100 lbs. 3.15 - —
bulk, c.l., works..100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1..100 lbs. 2.08 - —
2..100 lbs. 2.22 - —
3..100 lbs. 2.48 - —
4..100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —

CONTENTMENT
is great for a man . . .
BUT BAD FOR A BUSINESS

Some Leading Products of Pennsylvania Salt Manufacturing Company

KRYOLITH
(Natural Greenland Cryolite)
CHLORINE
SODIUM ORTHOSILICATE
CARBON TETRACHLORIDE
CARBON BISULPHIDE
CAUSTIC SODA

It is an old saying that businesses do not stand still — they either go forward or slip back. We believe that a business too well satisfied with itself is one that has started to stagnate.

That is why we are pleased rather than alarmed that Pennsylvania Salt Manufacturing Company is never self-satisfied. We are not today wholly contented with the quality and purity of any one of the many chemical products we manufacture. Nor were we contented a month ago—or a year ago—nor shall we be a year hence.

Basically, that is why the chemicals we supply to you now are better chemicals than those we produced at any time in the past — purer, more uniform, more highly dependable, and more perfectly adapted for the industrial processes in which they are used.

The services of our technical staff are always available to help with your difficult problems.

PENNSYLVANIA SALT MANUFACTURING COMPANY · Est. 1850
Widener Bldg., Philadelphia, Pa.
New York · Chicago · St. Louis · Pittsburgh · Tacoma · Wyandotte

PENNSYLVANIA SALT Chemicals

Soda Ash—Tributylamines

Soda ash, extra light, 58%, bbls., c.l., Zone 2..100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 2.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more. lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms, 4,000 lbs. or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .49 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y...100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs, c.l.....100 lbs. 1.55 - 1.60
l.c.l., bgs.....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works. lb. .06¾- —
l.c.l., 6 cks, or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls. .....lb. .12½- .15
Bisulphite, powd., bbls., c.l. bbls., wks.....100 lbs. 3.20 - 3.30
l.c.l., works.....100 lbs. 3.50 - 3.60
Solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.25 - —
l.c.l., bbls., works.100 lbs. 1.50 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber drms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda, sal)
Caustic, flake, 76%, 1, gr., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
drms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, drms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.95 - —
seller's tanks, works, 100 lbs. 1.97½- —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, drms., c.l., works.... 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, drms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06¼- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .06½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .19½- —
cns., 50 lbs.....lb. .21½- —
25 lbs.....lb. .23½- .24½
kgs., 100 lbs.....lb. .20½- —
USP XI, gran., bbls., 250 lbs. lb. .26 - —
cns., 50 lbs.....lb. .28 - —
25 lbs.....lb. .30 - .31
kgs., 100 lbs.....lb. .27 - —
U.S.P., XI, powd., bbls., 250 lbs..lb. .26½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs. 100 lbs.....lb. .27½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90% cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., divd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.. lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Soda, hydroxide, USP., sticks, cns..100 lbs. .20½- .22
Hypophosphite, N.F., ... 100 lbs. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.60
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs., and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks.100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars .....lb. 2.10 - —
bots. .....lb. 2.21 - 2.47
Mandelate, bots., 5 lb.....lb. 3.30 - —
fib. dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., works.100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., Oct.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis..ton.28.30 - —
bulk, same basis.....ton.27.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼

Soda nitrate l.c.l. price range represents delivery at various points.

Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.95 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works. lb. .09½- .10
Pyrophosphate, anhyd., c.l., bgs., wks., frt. equal'd.. 100 lbs. 5.90 - —
bbls., c.l., same basis, 100 lbs. 6.10 - —
10,000 lbs. or over, bgs., same basis..100 lbs. 6.25 - —
bbls., same basis.....100 lbs. 6.45 - —
less than 10,000 lbs., bgs., same basis..100 lbs. 6.90 - —
bbls., same basis....100 lbs. 7.10 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y.....100 lbs. 1.20 - —
works .....100 4bs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04¾- .05
import, bbls. .....lb. .04¼- .04¾
Stannate, dms.....lb. .30 - .33
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs. .....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .18 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .18 - .19
Spikenard root, bls.....lb. .12 - .13
Spruce extract, bbls., works...lb. .01¾- —
tanks, works.....lb. .01¼- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .15 - .16
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06¼- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.40 - 2.60
dlvd., N. Y.....100 lbs. 2.75 - 2.95
powd., bgs., f.o.b. Chicago. 100 lbs. 2.60 - 2.70
dlvd., N. Y.....100 lbs. 2.85 - 3.05
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¾- —
Staveacre seed, bgs. .....lb. .17 - .18
Stearin, oleo, bbls.....lb. .07¾- .08
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13 - .14
seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
Chloride, bbls. .....lb. .13½- —
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .07¾- .08¾
Strophanthus seed, Kombe, bgs.lb. 1.20 - 1.35
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .66 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .68 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .32 - —
Sucrose octa-acetate, denat., grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk., bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.90 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.50 - —
100 lbs.....lb. 1.55 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.16.00 - —
ex vessels, Atlantic seaboard..long ton.20.50 - —
Sulphur, flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.25 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works....100 lbs. 2.60 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l.....lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 2.90 - —
Sumac, grd., Sicilian, bls....ton.67.00 - —
leaf, bales.....ton.69.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs. .....lb. .04½- .05
poultry, bgs.....lb. .03½- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
Talc, dom., N. Y., fibrous, 99.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-mag. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills...ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .07¾- .07¾
extra, loose, works.....lb. .05¼- —
special, loose, works.....lb. .05¼- —
Tallow, vegetable, ship, cs...lb. .07½- .08
sulphonated 35% (24% fat), dms., c.l..lb. .05 - .05½
l.c.l. .....lb. .06 - .06½
50% (43% fat) dms., c.l..lb. .06½- .07
l.c.l. .....lb. .07½- .08
50% (48% fat), dms c.l..lb. .07 - .07½
l.c.l. .....lb. .08 - .09
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 2.85 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 2.85 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.60 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.00 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.l.f. ports ship. unit-ton. 3.10 & .10
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .25 - —
25%, dms., c.l., works....gal. .25½- —
l.c.l., same basis.....gal. .28½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .22 - .22½
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - 33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09½- —
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. 14½ - .15
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .43 - .43½
Crystals, bbls., kgs.....lb. .35 - .35½
Metal, Straits.....lb. .45 - —
Oxide, bbls.....lb. .48 - .50
Tetrachloride, anhyd., bbls...lb. .22¾- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. dlvd.....lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd...lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .15¼- —
l.c.l., 5 tons, E. dlvd....lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15¾- —
50-999 lbs., E. dlvd. b. .16 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. alld.lb. .22 - —
Pac. cst., f.o.b. terminal..lb. .23 - —
l.c.l., 5 tons, E. dlvd...lb. .23¼- —
Pac. cst., ex whse..lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. dlvd.....lb. .23¾- —
Pac. cst., ex whse....lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¼- —
l.c.l., 5 tons, E. dlvd....lb. .23½- —
1,000-9,999 lbs., E. dlvd.lb. .23¾- —
50-999 lbs., E. dlvd....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .45
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .30 - .35
root, bls.....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Tributylamines, dms., l.c.l., works lb. .70 - —

Trichlorethylene, dms., c.l., works, frt. alld. Zone A	lb.	.09	—
l.c.l., dms.	lb.	.095	—
Zone B, c.l.	lb.	.105	—
l.c.l., dms.	lb.	.110	—
Zone C, dms., l.c.l.	lb.	.105	—

Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.

Tricresyl phosphate, CP, cns., dlvd.	lb.	.40½-	.51½
dms., c.l., dlvd.	lb.	.34½-	—
500 lbs., dlvd.	lb.	.37½-	—
tech., 1, dms., c.l.		.23 -	—
500 lbs., dms.	lb.	.23½-	—
less than 500 lbs., dms.	lb.	.26½-	.37½
2, dms., c.l.	lb.	.22 -	—
300 lbs., dms.	lb.	.22½-	—
less than 500 lbs.	lb.	.25½-	.36½
Triethanolamine, dms., c.l., works,	lb.	.21 -	—
l.c.l., works	lb.	.22 -	—
tanks, works	lb.	.20 -	—
Triethyl phosphate, dms., dlvd.,	lb.	.45 -	—
Triethyleneglycol, dms., l.c.l., works	lb.	.26 -	—
Trimethyl phosphate, cns.	lb.	.54 -	.56
dms., dlvd.	lb.	.50 -	—
Trimethylamine, dms., c.l., dlvd.,	lb.	1.00 -	—
l.c.l., dlvd.	lb.	1.05 -	—
Triphenyl phosphate, dms.	lb.	.38 -	—
Tripoli, air-floated, bgs., c.l., works	ton.	26.00 -	—
double-grd., bgs., c.l., works.	ton.	16.00 -	—
once-grd., bgs., c.l., works.	ton.	14.50 -	—

Trisodium phosphate (see Soda phosphate, tribasic).

Tungsten metal, powd., 99%, dms., wks.	lb.	2.80 -	3.00
Oxide, CP, kgs.	lb.	2.65 -	2.75
tech., kgs.	lb.	1.85 -	1.95
Turmeric root, Alleppey, bgs.	lb.	.05½-	.05¾
Madras, bgs	lb.	.06¼	Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock	gal.	.27½-	—
l.c.l., 10, ex dock	gal.	.29½-	—
5, ex dock	gal.	.31½-	—
wood, dest. dist., dms., dlvd. E. cities, ports	gal.	.22 -	.24
tanks, dlvd. E. cities	gal.	.20 -	—
steam-dist., dms., c.l., dlvd.	gal.	.27 -	—
l.c.l., dlvd.	gal.	.30 -	—
tanks, dlvd.	gal.	.22 -	—

U

Unicorn root, false (see Helonias root). True (see Aletris root).			
Uranium oxide, kgs.	lb.	1.75 -	—
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va.	ton.	95.00 -	—
smaller lots, f.o.b. Belle, W. Va.	ton.	95.00 -	—
f.o.b. N. Y.	ton.	101.00 -	—
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.	ton.	95.00 -	—
smaller lots, f.o.b. N. Y. from whse.		101.00 -	—
pure, cs.	lb.	.14½-	.15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports.	NH_3 unit.		No prices.
Uva ursi leaves, bls.	lb.	.08¼-	.08¾

V

Valerian root, bls.	lb.	.09 -	.10
Valonia, beards, bgs., shipt.	ton.	46.00 -	—
Cups, bgs., shipt.	ton.	31.00 -	—
extract, powdered, 62%	lb.	.06 -	—
Vanilla beans, Bourbon, tins.	lb.	3.90 -	4.50
Mexican, tins.	lb.	4.50 -	5.00
cut, tins	lb.	3.75 -	4.00
South American, tins.	lb.	3.75 -	3.80
Vanillin, ex eugenol, 25-lb. tins,	lb.	2.10 -	—
5-lb. tins	lb.	2.20 -	—

Vanillin, ex guaiacol, 10c. per lb. less

Venice turpentine, true, cs.	lb.	.42 -	.44
Verdigris, bbls., kgs.	lb.	.22 -	.28

Violet, methyl, toner (see M).

V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.	lb.	.40 -	.41
Tree bark, bls.	lb.	.22 -	.28
Wattle bark, bgs., shipt.	ton.	37.50 -	39.00
Extract, bbls.	lb.	.04¾-	—
Wax, bayberry, import, bgs.	lb.	.16¾-	.17
Bees, white, bleach, slabs, cs., 500 lbs.		.37 -	.39
yellow, crude, Africa, bgs., lots of 10.	lb.	.20½-	.21
1 bg.	lb.	.21 -	.21½
Brazil, Chile, bgs., 5-10 tons,	lb.	.22 -	.22½
1 ton.	lb.	.22½-	.23
500 lbs.	lb.	.24 -	.24½
100 lbs.	lb.	.23 -	.23½
refd., slabs, cs., lbs.	lb.	.32½-	.33
Candelilla, bgs., 1 ton.	lb.	.15¼-	.15¾
jobbing lots	lb.	.15¾-	.16¼
Carnauba, No. 3, chalky, bgs., 1 ton.	lb.	.31 -	.33
5 bgs.	lb.	.31½-	.33½
1 bg.	lb.	.32 -	.34
N. C. 2, bgs.	lb.	.37 -	.37½
N. C. 3, bgs., 1 ton.	lb.	.31½-	.33
5 bgs.	lb.	.32 -	.33½
1 bg.	lb.	.32½-	.34
refined, bgs.	lb.	.36½-	.37
yellow, No. 1, bgs., 1 ton.	lb.	.40 -	.40½
5 bgs.	lb.	.40½-	.41
1 bg.	lb.	.41 -	.41½
No. 2, bgs.	lb.	.39 -	.39½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton.	lb.	.08½-	—
jobbing lots	lb.	.09½-	—
150°-160° m.p., bgs., 1 ton.	lb.	.09½-	—
jobbing lots	lb.	.10½-	—
160° m.p., bgs., 1 ton.	lb.	.10½-	—
jobbing lots.	lb.	.11½-	—
Japan, cs.	lb.	.10¼-	.10½
Montan, bgs., c.l.	lb.	.11⅝-	—
5 tons.	lb.	.11⅝-	.11⅞
less than 1 ton.	lb.	.11⅞-	.12⅛
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs.	lb.	.62	Nom.
70°-72° C., bgs.	lb.	.35	Nom.
74°-76° C., bgs.	lb.	.38	Nom.
snow-white, pure 76°-78° C., bgs.	lb.	.45 -	.46
yellow, natural, 76°-78° C., bgs.	lb.	.35 -	.36

Paraffin (see P).

Spermaceti, blocks, cs.	lb.	.22 -	.23
cakes, cs.	lb.	.23 -	.24

White lead (see Lead, white).

White pine bark, rossed, bls.	lb.	.06 -	.06¼
White precipitate, powd., 5-lb. bots.	lb.	1.59 -	—
dms., 50 lbs., or more	lb.	1.46 -	—

Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works	ton.	12.00 -	—
l.c.l., works	ton.	14.00 -	—
bbls., c.l., works	ton.	15.00 -	16.50
l.c.l., works	ton.	17.00 -	—
pap. bgs., c.l., works	ton.	11.20 -	13.50
l.c.l., works	ton.	13.20 -	14.50
wet-grnd., bip., bgs., c.l., works	ton.	14.50 -	15.00
l.c.l., works	ton.	15.00 -	19.00
bbls., c.l., works	ton.	17.00 -	18.00
glider's bolted, bip., bgs., c.l., works	ton.	15.00 -	—
l.c.l., works	ton.	16.00 -	—
bbls., c.l., works	ton.	18.00 -	19.50
l.c.l., works	ton.	19.00 -	20.00
pap. bgs., c.l., works	ton.	14.60 -	15.50
l.c.l., works	ton.	15.60 -	16.50
extra bolted, bip., bgs., c.l., works	ton.	15.00 -	—
l.c.l., works	ton.	16.00 -	—
bbls., c.l., works	ton.	18.00 -	22.50
l.c.l., works	ton.	19.00 -	22.00
pap. bgs., c.l., works	ton.	14.60 -	17.50
l.c.l., works	ton.	15.60-	18.50
Paris white, bip., bgs., c.l., works	ton.	15.00 -	—
l.c.l., works	ton.	16.00 -	—
bbls., c.l., works	ton.	18.60 -	24.00
l.c.l., works	ton.	19.00 -	25.00
pap. bgs., c.l., works	ton.	14.60 -	20.00
l.c.l., works	ton.	15.60 -	21.50

English cliffstone (see Whiting, chalk, Paris white).

limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton.		9.35 -	—
99.75% 200 mesh, paper bgs., c.l., same basis.	ton.	8.60 -	—
90% 200 mesh, paper bgs., c.l., same basis	ton.	6.25 -	—
gilders, bgs. (extra), c.l., works	ton.	11.50 -	—
l.c.l., 8-20 tons, works.	ton.	12.50 -	—
4-8 tons, works	ton.	13.50 -	—
2-4 tons, works	ton.	14.50 -	—
extra, bgs., (extra), c.l., works.	ton.	12.50 -	—
l.c.l., 8-20 tons, works,	ton.	13.50 -	—
4-8 tons, works	ton.	14.50 -	—
2-4 tons, works	ton.	15.50 -	—
putty grade, bgs. (extra), c.l., works.	ton.	11.00 -	—
l.c.l., 8-20 tons, works.	ton.	12.00 -	—
4-8 tons, works	ton.	13.00 -	—
2-4 tons, works	ton.	14.00 -	—
water-floated, bgs., (extra), c.l., works.	ton.	11.50 -	—
l.c.l., 8-20 tons, works.	ton.	12.50 -	—
4-8 tons, works	ton.	13.50 -	—
2-4 tons, works	ton.	14.50 -	—
precipitated, bgs., c.l., works.	ton.	15.00 -	—
l.c.l., 5 tons, works	ton.	20.00 -	—
smaller lots, works	ton.	25.00 -	—
Wild cherry bark, thick, natural,	bls.	.04½-	.05
rossed, bls.	lb.	.06 -	.07
thin, natural, bls.	lb.	.06 -	.07
rossed, green, bls.	lb.	.09 -	.10
Wild indigo root, bgs.	lb.	.09 -	.10
Witch-hazel extract, dist., NF, bbls.	gal.	.40 -	.45
Leaves, bls.	lb.	.07 -	.08

Witherite (see Barium carbonate, natural).

Woodflour, dom., fine, bgs., extra, c.l., works.	ton.	25.00 -	—
standard, bgs., c.l., works.	ton.	20.00 -	—
import, 70 mesh, bgs., ex dock,	ton.	22.00 -	—
80 mesh, bgs., ex dock	ton.	24.50 -	—
100 mesh, bgs., ex dock	ton.	27.50 -	—
120 mesh, bgs., ex dock	ton.	30.00 -	—
Wormseed, American, bgs.	lb.	.10 -	.11
Levant, bgs.	lb.	5.70 -	5.75
Wormwood, bls.	lb.	.08 -	.09

X

Xylol (xylene), indus., dms., works.	gal.	.31 -	—
tanks, E. of Omaha, frt. alld.,	gal.	.26 -	—
W. Coast, f.o.b. Minnequa, Colo.	gal.	.26 -	—
nitration, dms., wks.	gal.	.42 -	—
tanks, E. of Omaha, frt. alld.,	gal.	.33 -	—
W. Coast, f.o.b. Minnequa, Colo.	gal.	.33 -	—
5°, dms., works.	gal.	.37 -	—
tanks, E. of Omaha, frt., alld.,	gal.	.32 -	—
10°, dms., works.	lb.	.34 -	—
tanks, E. of Omaha, frt. alld.,	gal.	.30 -	—
Xylidin, mixed, dms.	lb.	.36 -	.36

Y

Yara yara, cryst., cns.	lb.	1.25 -	1.50
Yellow, cadmium, CP, import., bxs.	lb.	1.35 -	1.75
lithopone, all shades, bbls. 1 ton, works, frt. alld.	lb.	.45 -	—
smaller lots, same basis,	lb.	.50 -	—
kgs., ton lots, same basis,	lb.	.50 -	—
smaller lots, same basis,	lb.	.55 -	—
sulphide, orange, bbls., works,	lb.	.85 -	—
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.	lb.	.14½-	—
open order	lb.	.15½-	—

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch, pink, bbls.	lb.	.09 -	.11
Hansa, bbls., same basis, chrome.	lb.	1.37 -	—

Mercury oxide (see M).

Ocher, Amer., golden, A, bbls., works.	lb.	.06¼-	—
B, bbls., works.	lb.	.04½-	—
C, bbls., works.	lb.	.03½-	—
yellow, A, bbls., works.	lb.	.02¾-	—
B, bbls., works.	lb.	.02½-	—
C, bbls., works.	lb.	.02 -	—
D, bbls., works.	lb.	.0195-	—
E, bbls., works.	lb.	.01775-	—
F, bbls., works.	lb.	.01½-	—
G, bbls., works.	lb.	.01½-	—
H, bbls., works.	lb.	.01⅜-	—
Yellow, French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import.	lb.	.02475-	—
New York (f.o.b.)	lb.	.02½-	—
Philadelphia, for import.	lb.	.02¾-	—
Portland, Seattle	lb.	.03 -	—
San Pedro, S. Francisco.	lb.	.0290-	—
l.c.l., ex dock, Balto, Boston, N. Orleans.	lb.	.02575-	—
New York	lb.	.02½-	—
ex-dock Phila., for import.	lb.	.02¾-	—
Portland, Seattle.	lb.	.03½-	—
San Pedro, S. Francisco.	lb.	.03 -	—
ex whse., Balto., Boston, N. Orleans.	lb.	.02725-	—
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis,	lb.	.03⅜-	—
Minneapolis	lb.	.03½-	—
New York	lb.	.02¾-	—
Pittsburgh	lb.	.03¼-	—
Portland, Seattle.	lb.	.03⅜-	—
San Pedro, S. Francisco.	lb.	.03¼-	—
f.o.b. N. Y., from dock,	lb.	.02¾-	—
from whse.	lb.	.02¾-	—
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y.	lb.	.04½-	—
l.c.l., same basis	lb.	.04¾-	—
synth., bbls., c.l., works.	lb.	.06½-	—
l.c.l., works	lb.	.06¾	-

Persian orange (see O).

Zinc, bbls., same basis chrome CP. contracts.	lb.	.18 -	
open order	lb.	.19 -	—
Yellow dock root, bls.	lb.	.09 -	.10
Yellow root (xanthoriza), bls.	lb.	.09 -	.10
Yerba santa leaves, bls.	lb.	.08 -	.08½
Yohimbine hydrochloride, vis.	oz.	2.50 -	2.55

Z

Zinc acetate, tech., bbls., dlvd.,	lb.	.21 -	—
USP., bbls., 250 lbs.	lb.	.27 -	—
kgs., 100 lbs.	lb.	.29 -	—
Arsenate, bgs., cs., c.l., dealers, E. of Rockies.	lb.	.12½-	—
c.l., bgs., cs.	lb.	.13 -	—
Arsenite, bgs., cs., c.l., dealers, E. of Rockies.	lb.	.12½-	—
W. of Rockies, bgs.	lb.	.12¾-	—
l.c.l., bgs., cs.	lb.	.13 -	—
W. of Rockies, bgs.	lb.	.12¾-	—

Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Carbonate, tech., bbls.	lb.	.14 -	.18
USP, precip., powd., bbls.	lb.	.81 -	—
dms.	lb.	.86 -	—
kgs.	lb.	.83 -	—
Chloride, fused, dms., c.l., works.	100 lbs.	4.25 -	—
l.c.l., works.	100 lbs.	4.60 -	—
gran., dms., c.l., works,	100 lbs.	5.00 -	—
l.c.l., dms., works.	100 lbs.	5.75 -	—
USP, 200-lb. dms.	lb.	.25 -	—
25 lb. jars.	lb.	.31 -	—
solut., dms., wks.	lb.	.04½-	—
tanks	lb.	.0226-	—
Cyanide, kgs., works.	lb.	.33 -	—
Dust, bbls., c.l., dlvd.	lb.	.0705-	—
l.c.l., bbls., dlvd.	lb.	.0755-	—
Fluoride, bbls.	lb.	.20 -	.30
Iodide, N.F., bots.	lb.	4.35 -	—
jars	lb.	4.20 -	—

Metal (see daily quotations in Market report)

Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	.07¾
ex whse., Pac. cst.,	lb.	.06½-	.07¾
bbls., c.l., dlvd.	lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.08
ex whse., Pac. cst.	lb.	.06¾-	.08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06½-	—
l.c.l., dlvd., except ex whse., Pac. cst.	lb.	.06¾-	—
bbls., c.l., dlvd.	lb.	.06⅝-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝-	—
ex whse., Pac. cst.	lb.	.06⅝-	—
35%, bgs., c.l., dlvd.	lb.	.0590-	—
l.c.l., dlvd., except Pac. cst.	lb.	.0615-	—
ex whse., Pac. cst.	lb.	.0615-	—
bbls., c.l., dlvd.	lb.	.0615-	—
l.c.l., dlvd., except Pac. cst.	lb.	.0640-	—
ex whse., Pac. cst.	lb.	.0640-	—
50%, bgs., c.l., dlvd.,	lb.	.0592-	—
l.c.l., dlvd., except Pac. cst.	lb.	.0617-	—
ex whse., Pac. cst.	lb.	.0617-	—
bbls., c.l., dlvd.	lb.	.0617-	—
l.c.l., dlvd., except Pac. cst.	lb.	.0642-	—
ex whse., Pac. cst.	lb.	.0642-	—
French process, com'l lead-free, bgs., c.l., dlvd.	lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	.07¾
ex whse., Pac. cst.	lb.	.06½-	.07¾
bbls., c.l., dlvd.	lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.08
ex whse., Pac. cst.	lb.	.06¾-	.08
green seal, bgs., c.l., dlvd.	lb.	.08 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¼-	—
ex whse., Pac. cst.	lb.	.08¼-	—

Trichloroeth.—Zirconium

Zinc Oxide, French, green seal, bbls., c.l., dlvd.	lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08½-	—
ex whse., Pac. cst.	lb.	.08½-	—
red seal, bgs., c.l., dlvd.	lb.	.07½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.07¾-	—
ex whse., Pac. cst.	lb.	.07¾-	—
bbls., c.l., dlvd.	lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08 -	—
ex whse., Pac. cst.	lb.	.08 -	—
white seal, bgs., c.l., dlvd.,	lb.	.08½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¾-	—
ex whse., Pac. cst.	lb.	.08¾-	—
bbls., c.l.	lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.09 -	—
ex whse., Pac. cst.	lb.	.09 -	—
Zinc, oxide, import, gold seal, cks., ex whse.	lb.	.13 -	.14
green seal, bbls., ex whse.,	lb.	.10 -	—
white seal, cks., ex whse.,	lb.	.11 -	.12½
USP, bbls., c.l.	lb.	.09½-	—
Palmitate, bbls.	lb.	.23 -	.25
Resinate, fused, pale, bbls.	lb.	.10 -	—
precip., dms., dlvd.	lb.	16	
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 -	—
l.c.l., 1 ton.	lb.	.21 -	—
1,000-2,000 lbs.	lb.	.22 -	—
less than 1,000 lbs.	lb.	.23 -	—
U.S.P., bbls.	lb.	.21 -	.33
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 -	—
l.c.l.	100 lbs.	3.50 -	—
bbls., c.l.	100 lbs.	2.80 -	—
l.c.l.	100 lbs.	3.05 -	—
flake, bgs., c.l.	100 lbs.	3.10 -	—
l.c.l.	100 lbs.	3.85 -	—
bbls., c.l.	100 lbs.	3.25 -	—
l.c.l.	100 lbs.	4.00 -	—
l.c.l.	100 lbs.	5.10 -	—
bbls., c.l.	100 lbs.	4.50 -	—
l.c.l.	100 lbs.	5.25 -	—
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.08¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¾-	—
bbls., c.l. (20 tons), dlvd.	lb.	.08¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¾-	—
Zinc, sulphocarbolate, NF, bbls.	lb.	.24 -	.26
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.15 -	—
l.c.l., works.	100 lbs.	5.50 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.05½-	—
ex whse., Pac. cst.	lb.	.05½-	—
Zirconium nitrate, kgs., work.	lb.	3.00 -	4.00
Oxide, crude, 73-75%, grd., bbls., works.	ton.	75.00 -	100.00
kgs., small lots, works.	lb.	.04¼-	.04¾
white, 98%, rgd., kgs., works,	lb.	1.40 -	1.53

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the October 3 issue; the next printing will be in the November 7 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

Dividends Declared

Class and period.	Amt.	Pay.	Record.
Atlas Powder Co. Pfd. (Q)	$1.25	Nov. 1	Oct. 21
Barnsdall Oil Co. Com. (Q)	.25	Nov. 1	Oct. 11
Coca-Cola Co. of St. Louis (Q)	.25	Oct. 20	Oct. 10
Colgate-Palmolive-Peet Co. (Q)	.12½	Nov. 15	Oct. 18
Consol. Chem., Ind. Cl. A. pfd. (Q)	.37½	Nov. 1	Oct. 15
Fisk Rubber Co. Pfd. (Q)	1.50	Oct. 20	Oct. 10
Homestake Mining Co. Com. (Mo.)	.37½	Oct. 25	Oct. 20
Messer Oil Corp.	.15	Sept. 30	Sept. 26
Mid-West Rubber Reclaiming Co., com.	.25	Oct. 5	Sept. 24
Ohio Wax Paper Co. Com. (Q)	1.00	Sept. 20	Oct. 1
Ohio Wax Paper Co. Ext.	.25	Sept. 20	Oct. 1
Oliver United Filter Co., Class A (Q)	2.00	Nov. 1	Oct. 21
Quaker State Oil Refg. Corp., com.	.25	Nov. 1	Oct. 14
Solvay American Corp. Pfd. (Q)	1.37½	Nov. 15	Oct. 15
Sun Ray Drug Co Com.	.10	Nov. 1	Oct. 15
Sun Ray Drug Co. Pfd. (Q)	.37½	Nov. 1	Oct. 15
Walgreen Company Com. (Q)	.25	Nov. 1	Oct. 14

Petroleum Corporations Income in 1936

Incomes of corporations in the field of petroleum and other mineral oil products in 1936, according to the preliminary report of the Bureau of Internal Revenue, were as follows:—

	No. of returns.	Gross income.	Net income.	Total tax.	Deficit.
All corporations	853	$4,605,553,000	$203,520,000	.....	.....
Reporting net income	358	3,716,991,000	224,630,000	$23,671,000	.....
Reporting no net income	389	888,562,000	.....	.....	$21,110,000
Inactive corporations	106	.....	.....	.....	.....

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

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Scientific Aid For Medicine

Dedication of the Squibb Institute for Medical Research recalls the frequently recurring question of the usefulness of pure scientific research. Usually this question is argued on the basis of the relative values of experimentation motivated by scientific curiosity and that directed to a specific industrial or otherwise utilitarian objective. The persistence of the question is largely to be attributed to the fundamental dissociation of the two motives.

Medicine has specific problems — the cure or prevention of cancer is outstanding—to which it is desirable that all possible scientific ability and experimentation should be directed. Medicine and its therapeutic armamentarium are still so largely an uncharted sea that exploration is as necessary and as promising as is voyaging directed to a particular discovery. Exploration, looking beyond the horizon, is the purpose of the Squibb institute. There is much to be found—much that will have a recognizable usefulness; at least as much that will serve to focus curiosity on still more distance horizons.

Scientific research and the practical application of scientific knowledge are teammates. Not always are they well matched, and in their nature they cannot always keep pace one with the other. Imagination plays a large part in the motivation of both, but here again there is a difference in natures: the imagination that is manifested in curiosity is not that which sees usefulness in what is academically known. Coordination of these two imaginations is not easy; curiosity often has dropped its quest long before the potential usefulness of its discovery attracts experimenters.

Other laboratories are being dedicated in the field of medicine in these days; the field is one of well-recognized needs and possibilities. Whether these be directed primarily to fundamental research or to specific problems, their services to mankind will measure large. Medicine needs the help of related science. Many contributions to its service have come from but remotely related chemical research. The development of more directly purposed experimentation will serve medicine well, not only in the providing of new medicaments, but also in the proffering of scientific fundamentals.

The Economy Of Medicine

Much as medicine can benefit from scientific research in its technology, it will find still greater self-advantage in the promotion of proper and adequate study of its economy. This is true of all human pursuits, because the sociologic side of progress has quite generally been given relatively little consideration; but it is particularly pertinent to medicine.

In technologic progress, medicine, in common with industry, has lost much of its former close touch with human affairs. This, again a common situation, has not resulted in good for medicine or for the public. The popular clamor for socialized medicine does but echo what can be heard on all sides with reference to industry and commerce; but the cry against medical service has the greater appeal.

Not much is wrong with the practice of medicine, when the value of its service is considered as a whole. But, some wrong there is, and it has been disregarded by those whose duty, to themselves as well as to the public, has been to do things better.

The drug industry and an important division of the chemical industry have a share in the seriousness of the problems of the medical economy. Unfortunately they are not in position to do much, if anything, toward solving these problems; even their advice on economic grounds would get a cool reception. But, these industries can work with other industries to provide better medical service for the public; and they should do this, if for no other reason, for the purpose of keeping this service out of governmental hands.

—O-P-D—

A Job for Somebody

There is a big job in this country for somebody—for a group of somebodies. It is advertised—as pure reading matter—in the newspapers and the magazines almost every day. It is impossible to say whether anybody has applied for this job directly. It is certain that many have advertised themselves as ably fitted to handle it. But, the job still waits the doing.

Here are some of the recent advertisements of this job, found in commentaries on the economic problems of the day:—

(1) For the encouragement and aid of private planning for industrial stability and progress we should establish a national institution for statistical information, research, and long-range planning, that would cooperate with the representatives of investors, managers, and workers in promoting a healthy expansion of business and in planning for the steady increase of production and employment.

(2) And so I think the time has come for President Roosevelt to appoint a fact-finding committee to report to America on labor conditions here.

(3) The first proposal that the American Federation of Labor mediate its three-year struggle with the Committee for Industrial Organization with the aid of outside, unprejudiced persons was made in a surprise plea today.

Everybody will agree that the purposes of these offers of a job for somebody or some group are highly desirable. But, who will name the man or men adequately fitted to find the facts, to function without bias, to do the job? The job calls first for a business "town meeting"—government should be left out of this job of doing what is a business job. A body of "selectmen" —with the accent on the "select"—should be chosen—and set to work.

There will be bias in any committee, commission, institution, or man. What it is necessary to get is balance. This can be got if all the three elements of business will but set themselves to the purpose of putting an end to the unnecessary attitudes and endeavors, in which all have a large part and by which all are comparably damaged. The job is for business, as a tripartite entity.

—O-P-D—

Who Will Do The Building

An endeavor to formulate plans for private building activities will be made this week in a conference sponsored by the Chamber of Commerce of the United States. This is a commendable undertaking. It has some measure of promise. But, the government has been permitted to get into the building business so far that its ejection will be no easy matter. Private enterprise should have put its courage and confidence to work in this direction at least three years ago.

The old fable of the camel and the tent has no more pertinent application to the encroachment of government upon private enterprise than that in respect of building. Everybody has known for a long time that there was a building need in this country —even in the boom days of a decade ago this need was approached only from the bigger-paying side. This knowledge meant little, if anything, to those concerned. They were scared—as almost everybody else was scared—largely because they had lost faith in themselves, and suffered a reciprocal loss of faith on all sides.

Of course, no good would have resulted from kicking the government camel on the nose—and continuing to sulk in the tent. The camel would have eaten the canvas. The thing to have done was to come out from under cover; chase the camel away; and get busy using the scads of idle money in a building campaign.

And by now there would have been an enormous flock of foreclosures! That is only a maybe conclusion. People have gone on paying rent—some of it out of relief funds—and there would have been more money for this, as well as for many other purposes, if the work that a housing campaign could afford had been provided by private enterprise.

The government is now offering 90-percent mortgages to stimulate building. This is a long chance. But, it would not be any longer, from the business point of view, if it were taken by the construction industry direct than it is with the intervention of government between those who get and those who will have to pay if the getters fail.

Finance and the construction industry failed one another in a time of great need. Each lacked faith in the other and in itself. Is the situation any different today? Maybe the building conference will find out.

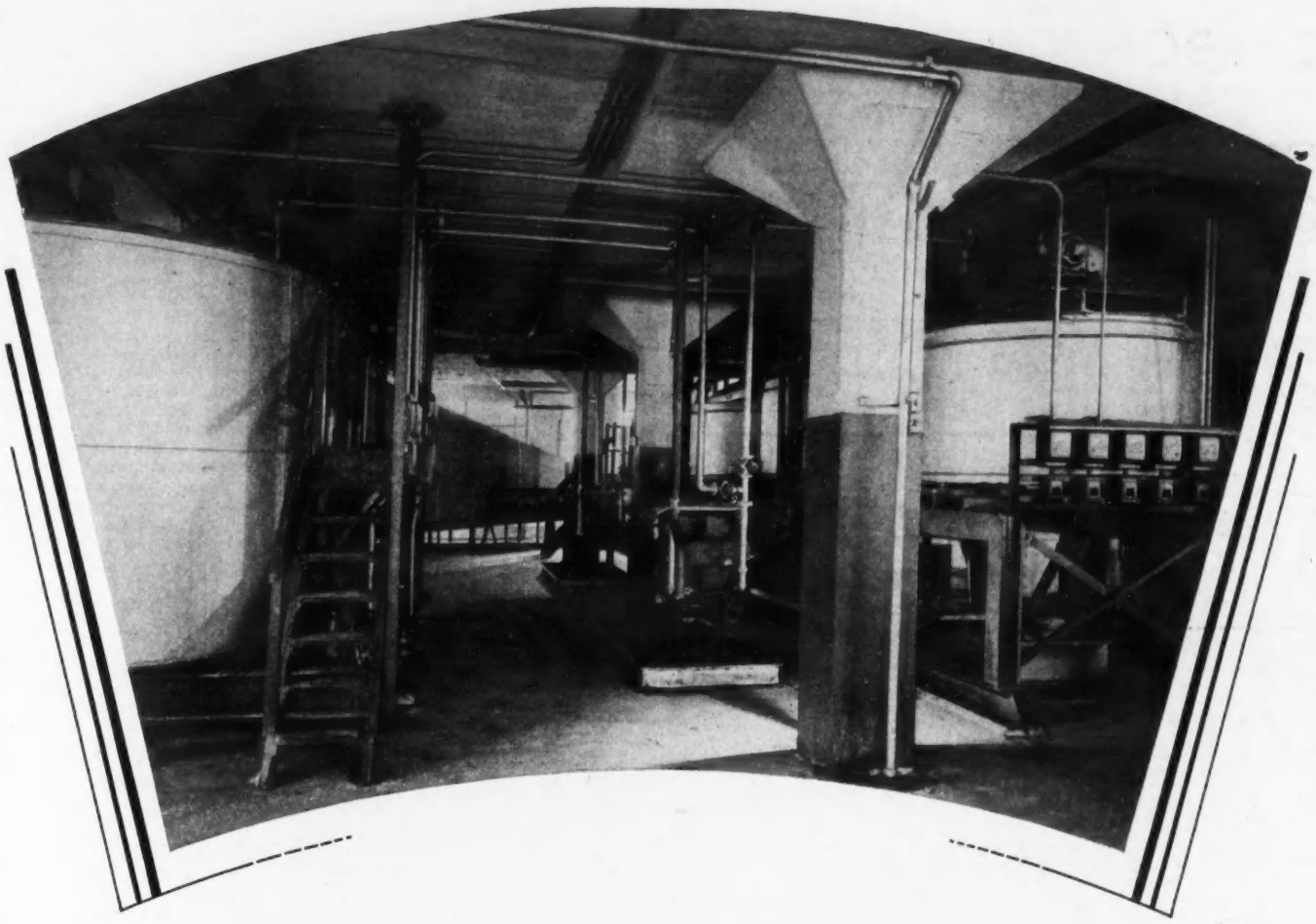
—O-P-D—

Mental and Physical

There is a particularly happy thought in the practice of the chemical group of trades in the New York metropolitan area to combine physical recreation and mental refreshment in its Fall meetings. Schooldays were always more agreeable and their lessons more assimilable because of the recess period. Men differ none from boys—except it be in their recognition of the fact—in their need for recreative interspersing of their tasks.

Every member of the chemical trades group, and especially those burdened with the bigger problems of their enterprises, will benefit by attending the Skytop meeting the coming weekend. Comment and discussion on timely topics will provide mental refreshment, and the recreational features will better fit them to make use of this.

ESTABLISHED 1849



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Heavy Chemicals

Broader Buying Movement Continues in Heavy Chemical Market —Copper Derivatives Provide Changes on the Upside —Bleaching Powder Renewed for 1939

Withdrawals of heavy chemicals continued to display broader tendencies last week. Evidence, uncovered in practically every major division of the market, indicated buying was proceeding at an increased pace, and, in most instances, business was at the highest levels recorded thus far this year. The consensus in the trade indicated that September business was the heaviest this year, and with some of the unfavorable factors out of the way, it was anticipated that the October volume will run ahead of last month. Bleaching powder prices have been renewed for 1939.

Once again copper and copper derivatives provided the bulk of price fluctuations on the upside. Moreover, further strength in the metal found even broader reflection in the derivatives, with fractionally higher prices reported for the carbonate, chloride, nitrate, and red and black oxides of copper. Blue vitriol, crystal and monohydrates advanced. Reductions were recorded for lead arsenate west of the Rocky Mountains, conforming with the recent revision in the Eastern schedule. Phosphorus pentoxide was available in carlot quantities at a lower price. Domestic and imported soda silicofluoride was fractionally lower.

Alums were in steady demand. Business in calcium chloride was only fair. Demand for blue vitriol failed to show any signs of subsiding, with commercial consumption and export business at high levels. Nickel salt was fairly well taken, with further uses expected to enhance the demand for this material soon. Potash salts received good buying support. Larger quantities of saltcake were taken by major consumers. A better pace was noted for alkalies. A steady influx of orders was noted from automotive centers for various cyanides. Tin salts were firm. Broader demand was evident for most mineral acids. Another routine week was experienced in the market for agricultural insecticides and fungicides.

Alums.—The market for various alums reflected a slight broadening last week, it was difficult to point out any specific material as featuring the market, but attention was focused on the alum sulphate as providing the bulk of the business, with the paper industry leading the way; other alums such as ammonia, potash and soda were well taken, with consumption fairly well diversified. Prices were unchanged.

Ammonia, Anhydrous.—While volume of business as a whole has shown the usual seasonal decline, it was brought out that some all the year around consumers for refrigerating purposes were taking a fair share of this material. Nothing new was uncovered in the price schedule.

Ammonia, Aqua.—Demand was described as generally fair in most directions last week, a return to more stable conditions in the New England sector was a favorable factor. Quotations were in line with the levels established recently.

Antimony.—Quotation for the domestic spot metal was unchanged last week at the recently established 12c. per pound level. Business was along routine lines, with small tonnage making up the majority of the business. Some disappointment was expressed over the lack of interest from the battery trade, which is usually manifested at this time in greater volume. Nothing new entered the market for the oxide or needle powder at this time and quotations were without alteration.

Bleaching Powder.—Prices have been renewed for 1939, with the schedule listing car-lot drum shipments at $2 to $2.35 per 100 pounds, according to container size, and less car lots were listed $2.25 to $3.35 per 100 pounds.

Blue Vitriol.—Quotations were further advanced 10c. per 100 pounds for the crystal material; monohydrated was 15c. per 100 pounds higher. Higher quotations reflect the recent advances in the basic metal. Demand failed to show any signs of subsiding at this time, despite some lull in horticultural demand. It was explained that some of this business was diverted to the south and west coast at this time, while commercial consumption has more than offset any decline elsewhere. The petroleum industry was singled out as being one of the largest consumers. Furthermore, the use for water purification purposes has been accelerated by the practice of treating water all year around instead of seasonally as was the case previously. Aside from this, miscellaneous consumption was good. Withdrawals for export purposes were excellent.

Calcium Chloride.—Business in this direction was reported as only fair, with the withdrawals for ice control work still premature. Commitments for other purposes such as refrigerating, coal treating, etc., was along normal lines for this time of the year. Quotations were maintained at previous levels.

Copper.—Further strength prevailed in the domestic copper market, and three fractional advances were scored, bringing the quotation to the 11¼c. per pound level, the highest so far this year. A combination of things contributed to the stronger quotation, namely, the more favorably statistics, strength in the foreign market and a good demand at the higher levels, both in the domestic and export market. Business continued at good levels here from major consuming channels, while demand abroad was at active pace, quotations were around 11.18c. per pound. World stocks of refined copper at the end of September totaled 457,454 tons, a decline of 37,070 tons from August 31, according to figures released by the Copper Institute. Blister stocks increased 6,409 tons. Domestic stocks of refined copper amounted to 293,080 tons on September 30, a decline of 20,111 tons from the preceding month. Foreign stocks of refined copper declined 14,959 tons to 164,374 tons. World refined production in September was 153,865 tons, an increase of 4,957 tons over August. Domestic production of refined totaled 45,808 tons, an increase of 77,566 tons from the previous month. Deliveries to consumers aggregated 63,637 tons, an increase of 5,566 tons over August. Copper producing companies abroad operating under the restriction agreement announced that the production rate, which was 95 percent of basic tonnages, will be increased to 105 percent, the increase to go into effect October 15th.

Copper Salts.—The recent strength in copper brought about still further reflection in the price for various copper derivatives last week. Fractional advances were recorded for red oxide of

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blue vitriol, 99% cryst., 10c. per 100 lbs.
monohydrated, 15c. per 100 lbs.
Copper, carbonate, ½c. per lb.
chloride, ¼c. per lb.
metal, electrolytic, ½c. per lb.
nitrate, 1/5c. per lb.
oxide, black, ½c. per lb.
red, ½c. per lb.

Reduced

Lead arsenate, W. of Rocky Mts., 1½c. per lb.
Phosphorus, pentoxide, c.l., 6c. per lb.
Soda silicofluoride, dom., ½c. per lb.
imported, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.2	**147.1**	**148.5**	**154.3**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	**99.6**	**99.6**	**99.7**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

copper at 16½c. to 17½c. per pound, while similar revision was made in the black oxide to the same level. Copper carbonate advanced to 14½c. to 15½c. per pound, while copper chloride was 13c. to 14c. per pound and the nitrate at 16.60c. to 17.40c. per pound.

Copperas.—A firm tone characterized the dealings in the market throughout the past week. Business was keeping pace with the modified production levels, and business was on a day to day basis. Steel operations continued their gradual improvement, production being estimated at 51.4 percent of capacity, against 47.9 percent last week and 63.3 percent in the same week a year ago. During September the industry operated at 46.28 percent of capacity, comparing with 42.85 percent in August and with 76.30 percent in September, 1937. For the third quarter operations averaged 40.79 percent of capacity, which compares with 30.76 percent in the second quarter and 31.58 percent of capacity in the first quarter. In the third quarter of 1937 the industry operated at 79.58 percent of capacity. The average for the nine months ended September 30 was 34.41 percent as against 83.09 percent in the corresponding nine months of 1937, according to the American Iron and Steel Institute.

Nickel Salts.—The call was described as fair in the market for various nickel derivatives. While the call from the plating trade has shown improvement, more emphasis was placed on the use of nickel sulphate as a catalyst in hydrogenation of various oils, with the packing companies providing the bulk of this business. Research has been going on for some time in an effort to further diversify the use for this chemical. Prices remained steady to firm.

Phosphorous.—A producer of phophorous compounds made a reduction in price for dry pure phosphorus pentoxide, with the car lot price listed at 12c. per pound as against 18c. per pound previously. The material is now used principally as a drying agent in various industrial processes, in the manufacturing of vegetable oils for cooking and in the making of other phosphorus compounds, such as phosphorus oxychloride, which is used in making plasticizers. This special development had no immediate affect on any other prices for phosphorus or its compounds.

Potash Caustic.—The textile industry continued to give more support to the market, and business was along generally improved lines last week. Aside from the better demand, nothing of importance developed, and quotations were well maintained.

Saltcake.—Business in the market has commenced to report better operating schedules in consuming industries. Particular significance was attached to improved operations in the kraft paper industry. An improvement in most divisions of the glass trade gave the market additional stimulus. In contrast to the same time a year ago, supplies of this material were adequate to cope with demand, and with the situation clarified abroad, fears that a shortage might exist at any time during the year have been dissipated. Prices remained unaltered.

Soda Ash.—Movement of this material into basic consuming industries proceeded at a better pace, and the gradual improvement noted some weeks ago was maintained in practically every direction last week. Exports during August were maintained at good levels with the total for that month at 7,157,657 pounds, valued at $96,309, of which Mexico, China, Brazil, Canada and Cuba provided the bulk of the business in their respective order.

Soda Bicarbonate.—Volume of business was proceeding at a steady pace in the market through the week just ended. Prices were unchanged. August exports amounted to 1,555,817 pounds, valued at $22,514, of which 1,014,505 pounds went to Canada.

Soda, Caustic.—The market continued to display a general improvement last week. The market was quick to show reflection in basic consuming industry stimulation and orders were coming to hand for current and prospective requirements in fair volume. Price schedules ruled unchanged. Exports during August aggregated 13,077,415 pounds, valued at $276,379, of which 1,447,285 pounds went to Canada; 3,151,146 pounds to Mexico; 2,016,711 pounds to China and 2,114,794 pounds to the Netherlands Indies

Soda Cyanide. — A steady influx of orders made their appearance from the automotive centers for electroplating and case hardening purposes, while much was still to be desired, the market showed further signs of broadening. Prices ruled unchanged. August exports totaled 74,955 pounds, valued at $9,765, of which 36,000 pounds went to Mexico; 14,300 pounds to Bolivia and 16,000 pounds to the Philippine Islands.

Soda Phosphate. — Business in the market for various grades of soda phosphate were maintained at slightly improved levels last week. As usual the market received support from a number of consuming channels, and emphasis could not be placed on any particular source. Quotations were retained at former levels, and some early contract work for next year was uncovered at substantially the same basis. August exports were 611,100 pounds, valued at $31,262, of which Canada and the United Kingdom supplied the majority of the business.

Soda Silicate.—A broader demand was more pronounced in the market than at any time recently. The betterment was traceable to the improvement in the paper box industry partly, while the call was not entirely confined to this source, other consumers likewise were making sizable commitments to cope with better operating schedules. Exports for the month of August aggregated 1,086,119 pounds, valued at $16,588, of which 627,753 pounds went to Canada; 156,250 pounds to Cuba and 175,050 pounds to the Philippine Islands.

Soda Silicofluoride.—Domestic quotations were reduced fractionally at .04¾c. to .05c. per pound, according to quantity. Prices in the import market were most frequently mentioned as .04¼c. to .04¾c. per pound, a slight concession from previous levels. The market was subject to keen competition from the imported material, and could be pointed out as the real reason for the reduction in the domestic prices from time to time this year. Business is now being booked for the balance of the year at the above mentioned prices. Aside from the easier price tone, business was not without some betterment, and the uncertainty of the price structure out of the way, should augur well for additional interest.

Tin Salts.—Anhydrous stannous chloride was offered last week at 43c. to 43½c. per pound, according to the latest quotations prevailing for the Straits metal. The product is applicable in chemical processing and in the textile field principally. Other tin derivatives showed firm tendencies, although prices were without change from the previous week. The Straits metal was quoted at 45.20c. per pound.

Acids

Withdrawals of most mineral acids were along broader lines last week. The market received encouraging support from the improved operations in practically all basic consuming industries. While it was still too early to definitely state that contracts on all acids will be renewed at substantially the same levels, it was reasonable to assume that preliminary work has begun in some quarters on next year's schedules at the same levels as now prevailing. Acetic, battery and chromic acids moved in better volume. Oxalic enjoyed a diversified call. A steady interest prevailed in muriatic, lactic and nitric. Sulphuric received its principal stimulus from the commercial consuming industries, although a great deal of irregularity still prevailed.

Acetic.—Shipments were moving into basic consuming channels in better volume last week. Support was not confined to any particular industry, but the rayon trade was showing a good share of the betterment. Prices were unchanged.

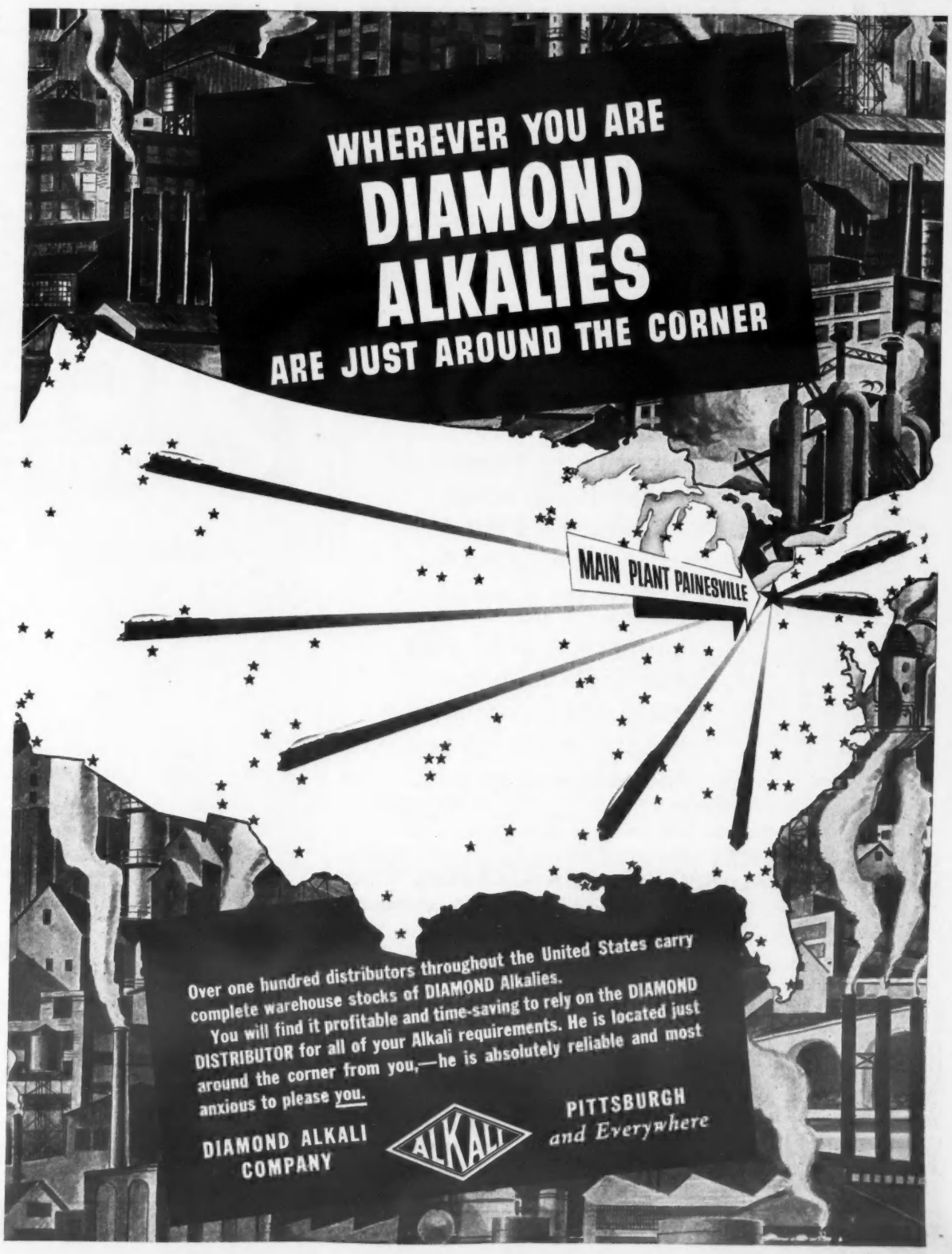
Battery.—With the automotive industry supplying the stimulus, the call from the battery trade was along improved lines last week. Quotations ruled unchanged.

Chromic.—The plating trade was continuing to show a better interest, and a broader demand was expected to materialize as the new automotive model year progresses. Quotations were steady to firm.

Muriatic.—A revival of interest from some large users was more clearly demonstrated in some sections where increased operating schedules necessitated some replacement orders. Prices were in conformity with the preceding period.

Nitric.—The market was not without some encouraging support from major consumers, and on the whole business

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7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was at comparatively satisfactory levels. Prices were well maintained at previous levels.

Oxalic.—Demand continued to show diversification, especially for smaller quantities, while larger consumers were not entirely out of the picture last week. A steady to firm price tone prevailed.

Sulphuric.—The market received its principal stimulus at this time from the commercial consuming interests such as steel and textile industries. Prices were unchanged

Baltimore, Oct. 12.—The market for sulphuric acid continues unchanged, with the general conditions in the trade about as they have been. Manufacturers of fertilizer mixtures continue still experience buying hesitancy, although under more favorable circumstances they ought to be busy making shipments at this time. For the present the producers adhere to their figures of $12 per ton for 60 degree and of $15 per ton for 66 degree acid. Oleum also is the same at $17 per ton for 20 percent supplies.

Insecticides

Another routine period was experienced in the market for agricultural insecticides and fumgicides last week. In this section of the country practically all the work has been completed, with negligible orders occurring from time to time. Consequently, most of the business was confined to some Southern and west coast territory. The only price alteration was displayed by lead arsenate, west of the Rocky mountains, which was reduced in proportion to the recent revision in the Eastern schedule issued a short time ago. The market for calcium arsenate was seasonally quiet, reflecting to a large degree the termination of the action season in Southern cotton States. Paris green offered nothing in the way of new developments.

Calcium Arsenate. — Business remained at relatively quiet levels throughout the past week. Commitments were held to minimum proportions in practically all instances, reflecting to a large degree the termination of the active season in Southern cotton States. Prices ruled unchanged.

Lead Arsenate.—Quotations West of the Rocky Mountains were reduced 1½c. per pound. The schedule follows: Bags, dealers, car lots, 11c. per pound; Less car lot, dealers, 11¼c. per pound. This conforms with the recent reduction recorded for the East. Seasonal dullness continued to characterize the dealings.

Paris Green.—There was nothing of importance to reveal in the market during the week just closed, and business was held to modest proportions. Pricewise the market displayed no change.

Trade Briefs

National Association of Insecticide and Disinfectant Manufacturers will hold its 1939 Summer meeting June 5 and 6 in the Hotel Biltmore, this city.

Libbey-Owens-Ford Glass Company returned 1,500 additional employees to the payrolls during September, according to D. H. Goodwillie, vice-president.

Innis, Speiden & Co., manufacturer and importer of chemicals, this city, has released its October issue of its *News,* in which is a list of the company's products.

Imperial Chemical Industries of Australia and New Zealand, Ltd., plans the erection of a plant for the production of synthetic ammonia and nitric acid at its works in Beer Park, Victoria.

Gould Battery Corporation has acquired the industrial and power battery business of the U.S.L. Battery Corporation, Niagara Falls. The Gould company will assume production of U.S.L. products at the Gould plant in Depew, N. Y.

E. I. duPont de Nemours & Co., Wilmington, Del., plans an exhibit at the San Francisco Golden Gate Exposition. The display will demonstrate the company's five leading raw materials—coal, cotton and wood, salt, ores and vegetable oils and their transformation into finished products.

'Chipso' Cancellation Case Not Reviewed by High Court

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States has refused to review the case of the Procter & Gamble Company versus Coe, in which the United States Circuit Court of Appeals for the District of Columbia refused to enjoin the Commissioner of Patents from canceling the trademark, "Chipso," following his decision under the trademark act, until termination of litigation in a Federal court on the question of whether a counterclaim for cancellation under the act was properly dismissed.

The circuit court of appeals affirmed a decree of dismissal, refusing to intervene in an administrative act because there was no showing that the proposed act of the commissioner was illegal.

The Procter & Gamble Company contended that the commissioner had no authority to cancel a trademark registration after a decision under one section of the trademark act while determination of a similar proceeding, instituted simultaneously in a Federal court under another section of the act, was still pending.

Prior Chemical Magazine Relates History of Aluminum

The story of the invention by a college boy in a woodshed laboratory of the electrolytic furnace process for making aluminum is told in the October issue of PRIORities, house organ of Prior Chemical Corporation, New York. Following this achievement in 1886 the story traces the further development of this useful element to its present high place among commercial metals, only four of which outrank it in volume used. Also mentioned are the innumerable and widely diversified uses which are being made of aluminum due to its special qualities and versatility.

Niagara Alkali Magazine Discusses Stream Pollution

"The Pioneer," monthly publication of the Electro Bleaching Gas Company and the Niagara Alkali Company, both of this city, has an interesting article, "Stream Pollution," in the September issue. The article discusses the program on stream pollution started by Greensboro, N. C., pointing out that the specific problem which Greenboro hopes to solve is its treatment of textile wastes.

Chemical Salesmen's Ass'n Annual Meeting Oct. 18

The annual meeting of the Salesmen's Association of the American Chemical Industry will be held October 18 in the Chemists' Club, this city. At the meeting a nominating committee will be elected to prepare a list of candidates for the offices and members of the executive committee to be filled at the annual election of officers for 1939. R. H. Giebel, of the Harshaw Chemical Company, secretary of the association, is in charge of arrangements. A luncheon will be served at 12:30 p. m.

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Coaltar Chemicals

Basic Consuming Industries Taking More Active Interest—Maleic Anhydride Reduced—Coaltar Solvents Firm—Cresylic Acid and Phenol Moderately Taken

Business in the market for coaltar chemicals was at comparatively good levels last week. Improvement, which first made its appearance in some directions in the third quarter, broadened out considerable at the start of the fourth quarter, and so far is showing definite signs of continuing to expand. Some basic consuming industries heretofore content to bide their time evidently were now making their appearance for moderate quantities. A downward revision in maleic anhydride provided the only price change, otherwise the market maintained a steady to firm price tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Acid, maleic, anhydride, 6c. per lb.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.9	125.9	125.9	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Coaltar solvents such as benzol, toluol and xylol moved in good volume, while benzol was retarded by the shortage of supplies, the other solvents were in sufficient supply to take care of the demand. Stocks were around normal levels, but indications would point to a decline in the future, unless production commences to keep pace with the accelerated demand. Aside from these basic products, other coaltar chemicals were in a better statistical position than a year ago, and the market was in a good position to take care of increased consumers' requirements. The synthetic resin, plastic and disinfectant trade provided the bulk of the stimulated interest, with cresylic acid and phenol favored by this move. Creosote oil was moving in slightly better volume, with the call from the New England area expected to materialize in broader commitments. Naphthalene gave evidence of snapping out of the extreme lethargy prevailing for some weeks. Coaltar and coaltar pitch moved through a routine period.

A revision in the quotations for maleic anhydride featured the acid division, other quotations, however, were maintained at previous levels. Coaltar intermediates moved in steady volume in practically all directions. Anilin, anthraquinone and phthalic anhydride gave a good account of themselves. Exports of coaltar intermediates during August totaled 258,703 pounds, valued at $67,860. Coaltar colors were in better demand, with some consumers preparing for Spring business with a line of new colors. August exports of coaltar colors aggregated 473,698 pounds, valued at $244,263, of which Canada took 179,630 pounds.

Basic Products

Benzol.—Attention continued to be directed toward the statistical position of the market for various grades of benzol. Despite the efforts of leading interests to cope with the demand, withdrawals in not a few instances were moderated or delayed until such times as adequate supplies were available. True enough, coking operations and benzol production has shown some measure of improvement, it was not sufficient to alleviate the present shortage. Encouragement, however, was not lacking, steel operations last week reached the highest level since the week of October 25, with output estimated at 51.4 percent, against 47.9 percent last week, 45.3 percent a month ago and 63.3 percent the same week a year ago. During September the steel industry operated at 46.28 percent of capacity, which compares with 42.5 percent in August and with 76.30 percent in September, 1937. For the third quarter operations averaged 40.79 percent of capacity, against 30.76 percent in the second quarter and 31.58 percent in the first quarter. In the third quarter of 1937 the industry operated at 79.58 per cent. The average for the nine months ended September 30 was 34.41 percent as against 83.09 percent in the corresponding months of 1937, according to the American Iron and Steel Institute. August shipments of benzol amounting to 346,753 gallons brought total United States benzol exports for the first eight months of 1938 to 5,602,944 gallons. Of the August exports, Germany took 322,687 gallons or 93 percent of the month's shipments. During the 1938 eight month shipments the principal takers were Belgium, France, Japan and the United Kingdom. Shipments during this period registered a decline compared with the corresponding period of 1937 when 14,738,377 gallons were exported.

Coaltar. — Withdrawals of various grades of crude and refined coaltar against contracts was along steady lines for the most part last week. Price schedules failed to record any changes, and a steady to firm tone governed the dealings. August exports aggregated 59,616 gallons, valued at $6,163, of which 53,101 gallons went to Canada.

Creosote Oil.—Shipments were moving at a moderate pace throughout the past week. Some of the recent inquiries from the New England area were expected to materialize in actual business in the near future. Price schedules were without alteration. August exports totaled 21,817 gallons, valued at $4,148, of which 11,793 gallons went to Canada and 8,094 gallons to Mexico.

Cresylic Acid.—A moderate improvement was discernible in this market at times last week. While major consumers were inclined to cover for nearby needs, a better interest was manifest from such consumers as the synthetic resin and disinfectant chanels. Domestic prices were without alteration. A slightly firmer appearance was noted in the foreign market, especially for smaller quantities.

Naphthalene.—Business in the market for the crude material was not without some improvement last week. The market gave evidence of snapping out of the extreme lethargy prevailing for some time, and seasonal interest was making its appearance to a greater degree. Transactions in the refined material were at low levels, but work was progressing on contracts for next season. Quotations were maintained at previous levels. A better tone prevailed in the import market, and prices were in line with those registered the preceding period.

Phenol.—The market was deriving a good deal more support from some important consuming sources, such as the synthetic resin and plastic trades, while other withdrawals were holding at a steady pace last week. There was nothing of importance to reveal in the price situation, and a steady to firm tone prevailed.

Pitch, Coaltar. — The market was strictly a routine affair throughout the past week. Withdrawals were held to necessary requirements in the majority of instances. Quotations ruled unchanged. August exports amounted to 405 tons, valued at $7,018, of which 255 tons went to Canada.

Toluol.—A steadier tone prevailed in this direction than heretofore. Business continued to show signs of broadening, especially as far as the lacquer trade was concerned. The better buying movement, which started several weeks ago, has reduced stocks considerably, and as far as could be learned are not far above normal.

Xylol.—Business for the account of the lacquer trade showed further evidence of improvement, and the gradual increase in commitments recently had a tendency to firm the market. Supplies were adequate to take care of the demand.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Chicago Coaltar Bases

Coaltar bases have been in fair call here recently. Benzol is reported making a fairly good market stand, with demand reaching fairly extensive proportions. Supply is tending to reach broader proportions, with steel mill operations gradually picking up. Inquiry is good generally. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 23c.; 10-degree xylol, 26c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Withdrawals were on a moderately active basis for the technical material again last week. A steady to firm one governed the dealings.

Benzoic.—Consumers of the technical material were making their appearance with more regularity for fair size quantities last week. Price schedules were in conformity with the preceding period.

Laurent's. — Shipments were maintained at steady pace throughout the past week, although moderation usually prevailed. There was nothing of importance to reveal in the price situation.

Maleic. — Quotations for the anhydride were lowered to 25c. per pound for car lots and 26c. per pound for the less car lots. No change was reported for the powdered material. Some large consuming sources were showing a better interest in the market at this time.

Salicylic.—The call for the technical material was fairly broad at times throughout the past week, and volume of business was at satisfactory levels. Prices were without alteration.

Other Intermediates

Alphanaphylamine. — Interest in this direction was along moderate lines for the most part but improvement in volume was not entirely lacking. Quotations were without alteration.

Anilin. — Business was described as comparatively good recently, and sellers were pointing to a gradual increase in business over the balance of the year at least. Quotations ruled unchanged.

Anthraquinone. — Dyestuff manufacturers provided the bulk of the business in the market again last week, and commitments were made with regularity from various large consumers. A steady to firm price tone ruled.

Betanaphthol. — The technical material was in fair demand throughout the week just ended, with consumers coming in the market for necessary quantities to take care of increased needs. No change was disclosed in the quotations.

Dinitrochlorobenzene. — A steady to firm price tone ruled in the market during the week under review. Business was maintained at moderately improved level.

Dinitrotoluene. — The market moved through another fairly active period, and a keener interest was displayed in some directions. Pricewise the market failed to register any change.

Nitrobenezene.—Volume of business in the market was proceeding at a satisfactory rate last week. Usual consumers were showing less caution than heretofore. Prices ruled unchanged.

Orthotoluidine. — Quotations were held at previous levels last week. Orders were making their appearance at a moderate pace, with some broadening evident.

Phthalic, Anhydride. — While some large consuming interests were still inclined to the conservative side, business as a whole has shown some improvement from the low levels. Prices were without alteration.

Thiocarbanilide. — Routine commitment provided the bulk of the business in this direction last week. Quotations were unchanged and a steady to firm price tone prevailed.

Coaltar Colors

Evidence of improvement was uncovered in the market for various coaltar colors last week. With some of the recent unfavorable influences out of the way, less caution was evident. Attention was directed on the Spring business by some leading factors. Pricewise the market retained a steady to firm tone, with changes conspicuous by their absence. The quickened tempo of world events and the dramatic changes affecting fashion set the lively pace for the collection of twelve "exciting pastels," to be featured by the Textile Color Card Association in its 1939 Spring season color card.

These exclusive features of

J & L CXP BENZOL

increase your production, cut processing costs and assure you a better product

Here is a Benzol completely free of corrosive compounds—that will keep your stills running on a continuous maximum production basis—with fewer shut-downs for cleaning.

J & L CXP Benzol is made by an exclusive process giving it a high degree of purity that marks it as one of the outstanding chemical achievements of the day.

You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol—always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed — Freezing Point 5.30° C—Boiling Range, less than 1° C—Bromine Index 3.

Write us on your letterhead and we shall be glad to send you a free sample of J & L CXP Benzol.

J & L—ALWAYS MAKING FINER CARBON STEELS FOR NEW AND BETTER USES

JONES & LAUGHLIN STEEL CORPORATION

AMERICAN IRON AND STEEL WORKS

PITTSBURGH PENNSYLVANIA

MAKERS OF HIGH QUALITY IRON AND STEEL PRODUCTS SINCE 1850

PHENOL · CRESOL · CRESYLIC ACID

TAR ACIDS • TAR ACID OILS

OF EXCEPTIONAL UNIFORMITY BECAUSE

1. Koppers controls coal mines . . .
2. Operates coke ovens with coal from these mines . . .
3. Produces tar from these coke ovens . . .
4. Separates acids from this tar . . .
5. Refines these acids in large volumes in a thoroughly modern plant put into operation late in 1937.

PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.

CRESYLIC ACID Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one per cent.

TAR ACID OILS Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.

Koppers position, due to raw materials and modern plant equipment, is exceptional for special cuts or fractions. Inquiries solicited and welcomed.

KOPPERS CHEMICALS AND SOLVENTS

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (Including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3 Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling, Insecticide Grades—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber.

KOPPERS COMPANY · PITTSBURGH, PA.

Soda Pyrophosphate Made Commercially by Monsanto

Production of tetrasodium pyrophosphate on a commercial basis in quantities sufficiently large to supply the requirements of soapmakers has been attained by the Monsanto Chemical Company, St. Louis, according to R. F. Richard, general manager of sales of the company's phosphates division.

Tetrasodium pyrophosphate — now trade-named "Phosphotex" by the Monsanto company—has been in the process of development commercially for the last several years in the Monsanto research laboratories in Anniston, Ala., and Dayton, Ohio, and now is being produced in large tonnages as the joint effort of the Monsanto phosphate plants at Anniston and at Columbia, Tenn.

Ready acceptance of "Phosphotex" as an ingredient of laundry soaps made by several of the larger manufacturers has followed the sizeable advertising campaigns sponsored by these users, Mr. Richard said, and indications are that many other soapmakers will begin using it in their products.

The chief advantage of "Phosphotex" in laundry soaps, according to Mr. Richard, are elimination of the ring around laundry-tubs, washbasins and bathtubs, the elimination of "tattle-tale gray" in linens and clothing, doubling the amount of suds, longer-lasting suds, an end to dishpan hands," and cleaner, truer-colored, sweeter-smelling garments. From the manufacturing consumer's standpoint, the Monsanto company has so developed its production technic that "phosphotex" is supplied at a price that, he says, permits the soapmaker to use it in his product without increasing his manufacturing cost and therefore his selling price to the ultimate consumer.

Intensive user tests carried on under the direction of W. W. Cobbs, H. F. Shattuck, and J. C. Harris, of the Monsanto research and technical application staffs, were made in home laundries, commercial laundries and laundry testing laboratories to determine the advantages of soaps using the ingredient, Mr. Richard said. In respect of the applications of Phosphotex," he added:—

The use of "Phosphotex" with soap, or with soap and other alkalies, results in increased cleansing action, this is particularly evident in hard water. Since approximately two-thirds of the nation's 130,000,000 persons live in areas where the water is harder than 60 parts per million, this means they will be benefited tremendously by the addition of "Phosphotex" to the soaps they use, by a lessening of wear and tear in house hold linens and clothing. This increase in cleansing efficiency amounts to as much as 75 percent, according to comparative tests we have made.

The use of this ingredient we have developed on a practical and commercial quantity gives cleaner and whiter results in laundry work, doubles the volume of suds ordinarily obtained when agitation is discontinued. Since voluminous suds are indicative of cleansing efficiency, this is a visible demonstration of the effects of soap containing the new ingredient.

Lime curd or insoluble soap curd is largely responsible for gray fabrics and for stiff, soapy-smelling garments. Since all dirt or soil is held by the insoluble curd, it is this thin film of redeposited dirt which causes off-shade whites and colors. Soaps using tetrasodium pyrophosphate virtually eliminate the deposition of this curd or film and make them truly clean.

To the housewife the use of this ingredient insures clear whites and sharp, true colors. Soapy smell of garments is ended. The bathtub ring seen in washbasins and washtubs, as well as bathtubs, is evidence of soap that has been ineffective. The ring passes into the realm of solved problems with this development.

From the alkalinity standpoint, tetrasodium pyrophosphate it notable in that it is less alkaline than other soap builders and therefore yields greater washing efficiency at reduced alkalinities.

Innis-Speiden Extends Bleach Prices to 1939

Innis, Speiden & Co., this city, which, through its Isco Chemical Division located at Niagara Falls, N. Y., is one of the largest producers of chloride of lime (bleaching powder) in this country, says that, in spite of increased costs through labor, raw materials, and freight rates, it is prepared to take contracts for 1939 on the same price basis that has prevailed this year.

The company offers its "Isco Brand" chloride of lime, 35 to 37 percent available chlorine, in carload lots at the following prices:—

	Per 100 lbs.
In 800-pound drums	$2.00
333-pound drums	2.25
100-pound drums	2.85

In less than carload lots, five packages and more, the prices are 25 cents per 100 pounds above the car-lot schedule; for less than five packages, the prices are 50 cents per 100 pounds above the car-lot schedule.

All prices are f.o.b. Niagara Falls, freight equalized with Wyandotte, Mich., and are subject to the customary three months' adjustment clause. The terms are thirty days net, or less 1 percent for cash in ten days.

In addition to shipping from Niagara Falls, the company maintains stocks in the principal consuming markets at prices based on the works price structure, plus freight and handling expenses.

National Agrol Buys Atchison Agrol Co.

—Continued from page 5

Foundation of New York and its offspring, the Chemical Foundation of Kansas Company. "Agrol" is defined as a motor fuel which is a blend of gasoline and alcohol manufactured from farm products.

John N. Ledbetter, a native of Indiana, who was vice-president in charge of sales for the Atchison company, will continue as a vice-president of the National company, and Frank L. Robinson, of Kearney, Neb., who was vice-president in charge of farm relations for the Atchison organization, will be in the capacity of a vice-president with the new company. In addition to the officers of the company, the board of directors includes Dr. William H. Hale, of Midland, Mich.

John Orr Young was born in Leon, Iowa, and was educated at Lake Forrest University, Lake Forrest, Ill. He entered the advertising business with the Lord & Thomas Advertising Agency, and later joined the N. W. Ayer Company, and subsequently became a co-founder of the Young & Rubicam Advertising Agency. A native of the agricultural section, Mr. Young still operates two farms, one in Virginia and the other in Connecticut.

Lalor Foundation Grants $25,000 for Research

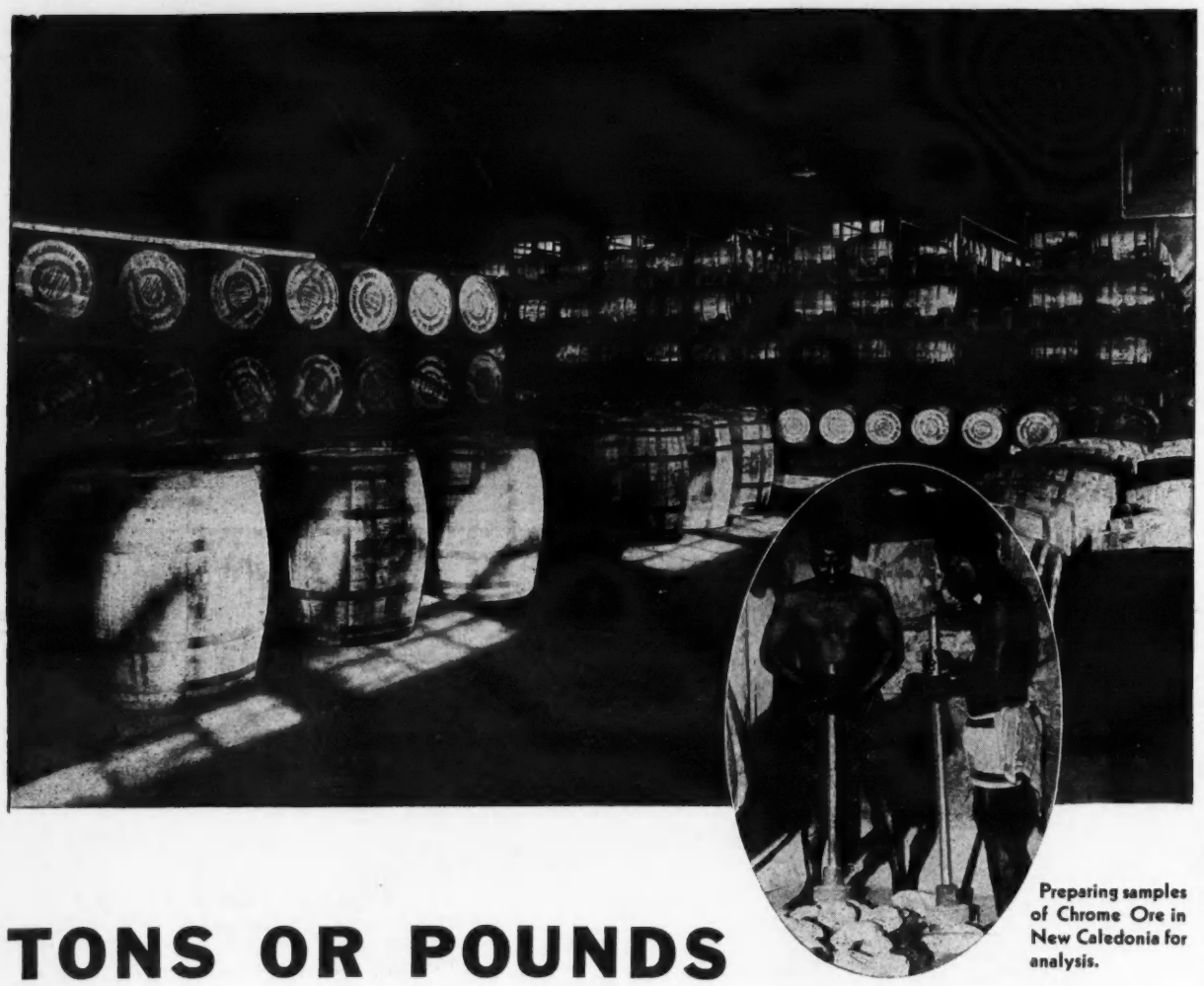
Wilmington, Del., Oct. 12, 1938

The Lalor Foundation announced plans for the granting of a total of $25,000 in awards to encourage chemical research bearing upon problems of medicine. The grants will be made during the academic year of 1939-40.

The Lalor Foundation was organized for the advancement of scientific research with a bequest of $400,000 in the will of Willard A. Lalor, who was a retired official of the Chicago, Burlington & Quincy Railroad.

Leavening Compounds Output Declined in 1937

Forty establishments were engaged in the manufacture of baking powder, yeast and other leavening compounds in 1937, compared with forty-six in 1935, according to the Bureau of Census. The value of products made in the industry amounted to $30,279,373 in 1937, compared with $32,340,648 in 1935. Production of baking powder amounted to 139,415,036 pounds, valued at $15,196,915, and the output of yeast and other leavening compounds totaled 216,207,362 pounds, valued at $15,923,642. The 1935 figures showed a production of baking powder of 159,599,714 pounds, and yeast and other leavening compounds, 210,057,732 pounds.



Preparing samples of Chrome Ore in New Caledonia for analysis.

TONS OR POUNDS

FROM the careful sampling and analysis of the Chrome Ore at Mutual's mines in the South Sea Islands through every step in the process to the finished products, the closest chemical control is exercised. The ore reserves at both our mines and plants, together with the large stocks of finished material, in casks or paper bags, at our plants and warehouses, provide a safe background against emergencies.

BICHROMATE OF SODA
BICHROMATE OF POTASH

CHROMIC ACID
OXALIC ACID

MUTUAL CHEMICAL COMPANY

Mutual Chemical Company of America · · 270 Madison Avenue New York City

Dyestuffs, Textile and Leather Chemicals

Myrobalans Slightly Lower—Valonia Cups Advanced—Bichromates Active—Corn Derivatives Steady—Zinc Dust Firmer—Wattle Bark Higher

Transactions in the market for dyestuffs, textile and leather chemicals tended toward irregularity last week. However, most divisions of the market gave a satisfactory performance, and moderate improvement was discernible in not a few instances. Some disappointment was voiced over the lack of interest in some of the tanning materials. From the price standpoint, however, the market showed relative stability in practically all directions, changes were chiefly confined to raw tanning materials; myrobalans were a shade lower, valonia cups and East African wattle bark moved slightly on the upside. Zinc dust was higher.

Tanning materials noted more stability than for some weeks because of the war scare, and with the European situation removed as a factor, the market returned to more normal proportions. Changes in the above mentioned products were relatively unimportant and nearly equally divided in either direction. Sellers reported some disappointment over the movement of material at this time, but attributed the lull to the uncertainty on the part of tanners over the high prices of hides currently prevailing. It was to be expected that this situation would be corrected in the near future, and optimism prevailed for the balance of the year at least.

Corn derivatives displayed a steadier tone after the sharp reductions of the preceding week, which in turn reflected the firmer tone of the raw commodity. Starch and corn moved in fairly broad fashion. The September corn grind as reported by the Corn Research Foundation amounted to 6,044,311 bushels, against 5,483,751 bushels in the preceding months and 5,483,751 bushels in the corresponding month a year ago. For the first nine months the corn grind was 48,214,573 bushels, compared with 48,566,034 bushels in the corresponding period a year ago. Zinc dust advanced in sympathy with the firmer prices for the basic metal. Bichromates continued to show a steady movement into basic consuming channels. Logwood and cochineal continued to lead the natural dyestuffs. Alum acetate and chloride were well taken at times. Nothing new developed in egg products, with a steady to firm tone prevailing.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Valonia cups, $1 per ton.
Wattle bark, E. African, 50c. per ton.
Zinc dust, 1/10c. per lb.

Reduced

Myrobalans, J1, $1 per ton.
J2, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
150.0	150.0	150.0	155.2

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alum Acetate.—Movement of this material into principal consuming channels continued at moderately improved levels throughout the past week. There was nothing of importance to disclose in the price situation at this time.

Alum Chloride.—Business in the market for the crystal and solution moved into textile mills and other miscellaneous consuming sources at a steady pace last week. Quotations were maintained at previous levels.

Potash Bichromate. — Demand continued along broad lines in most directions again last week, however, a definite uptrend was discernible in the textile and leather consuming industries. Prices ruled steady to firm.

Soda Bichromate.—Volume of business continued to show stability in the market throughout the past week. The market received support for practically all the leading consuming channels. Quotations ruled unchanged.

Zinc Dust. — Quotations were advanced in conformity with the higher price prevailing for the basic metal and car lots were quoted at .0705c. per pound; less car lots at .0755c. per pound. Business was along moderate lines for the most part last week.

Dyestuffs

Annatto.—A steady to firm price tone governed the dealings, and business was along routine lines for the most part last week.

Cochineal. — Withdrawals were proceeding at a moderately active pace in most major consuming directions again last week. There was nothing new to report in the price situation.

Hypernic.—Interest from the textile trade was along steady lines throughout the week under review. Quotations were in conformity with the preceding period.

Indigo.—Business in the market for natural indigo was held to necessary proportions by usual consumers of this material. Quotations were held to previous levels.

Logwood.—The market failed to display any change pricewise, and dealings were reported at a more satisfactory level than for several weeks in some quarters. August exports of logwood extract amounted to 49,633 pounds, valued at $7,638, of which 17,466 pounds went to Canada and 11,770 pounds to Japan.

Sizing Materials

Albumen, Egg.—Despite the unseasonal lethargy prevailing in this market, quotations were maintained at former levels. This may be attributed to the position of the shell egg market and the statistical position generally. Domestic producers have anticipated their production requirements for the balance of the year, while a slight improvement was noticeable in the supplies of imported material.

Dextrin. — A fairly broad demand characterized the dealings in the market for various grades of corn dextrin last week. The quotations were maintained at steadier levels, following the recent sharp reaction of the previous week, which in turn could be attributed to the firmer position of the basic commodity.

Egg Yolk.—A steady to firm tone prevailed in the market. As far as the demand was concerned it held at moderate levels for this time of the year. Quotations for various grades of eggs held at the highest levels so far this year. Farm flocks are showing the effect of this year's heavy hatchings in a rapid recovery from recent low numbers of hens. On October 1 the number of layers in the average farm flock was 2 percent more than a year earlier, in contrast to September 1 numbers, which were the same as in September last year, and January numbers about 8 percent less than on January 1, 1937.

Starch.—A steady call was uncovered in the market from various large consuming sources. No change was reported in the quotations from the recently established low levels of a week ago. Corn grind of eleven refiners of syrups, starches, sugars and other derivatives of corn for the month of September totaled 6,044,311 bushels, compared with 5,483,751 bushels in the preceding months and with 4,330,189 bushels in September, 1937. For the first nine months of this year corn grind aggregated 48,214,573 bushels, against 48,566,034 bushels in the corresponding period a year ago, according to the Corn Research Foundation.

Tanning Materials

Mangrove Bark.—Quotations were more stable last week than was the case in the past few weeks, and were unchanged at previous levels. Business was along moderate lines.

Myrobalans.—A slight reduction was recorded in the market for J1 and J2 myrobalans last week, bringing the current quotations to the $26 and $18 per ton basis, respectively. Business was only fair last week, although somewhat better than during the recent war crisis.

Sumac.—A steady to firm tone prevailed in the market for the ground and leaf material last week. Business was only moderately active and somewhat disappointing at times.

Valonia.—A slight advance was reported for the cups at $31 per ton, while the beards were unaltered at $46 per ton. Only a fair interest was centered in this direction throughout the week.

Wattle Bark.—A firmer tone was uncovered for the East African material and price was a shade higher at $37.50 per ton; South African was unchanged at $39 per ton. There was little feature to the market on the demand side.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Wage-Hour Law Intentions Explained by Andrews

—Continued from page 3

payment judgments, while 'chilesing' competitors may eventually have their narrower interpretations upheld by the courts and thus may have had a competitive advantage for some time.

These observers also fear that the courts will become clogged with cases seeking interpretive rulings, leading to delays and possibly conflicting rulings in different jurisdictions. As a result, some trade associations are filing with the administrator briefs giving legal opinions as to the application of the act to certain occupations and stating that, unless the administrator makes rulings on these points, they will seek to have these opinions confirmed by the courts.

Pittsburgh Glass Co. Head Optimistic on Outlook

H. S. Wherrett, president of the Pittsburgh Glass Company, in a communication to stockholders said that during the third quarter of the year a better sentiment about condition of business prevailed and results shown from the operations of the company during that period show on the whole a slight improvement over those for the first half of 1937. Mr. Wherrett added that there are some encouraging factors in the outlook for the final quarter, and he was of the belief that the anticipations for something more than the usual pickup in the Fall business will be realized in some degree. This improvement in business, Mr. Wherrett concluded, will be brought about by progressively increased demand and decreased stocks of consumers goods.

Trade Briefs

Walgreen Company September sales totaled $5,608,027, against $5,702,328 in September, 1937.

American Viscose Corporation plans an expenditure of $1,000,000 on improvements at its plants in Lewistown and Marcus Hook, Pa.

Allied Oil Company, St. Elmo, Ill., refinery was damaged October 11 by a series of explosions. The damaged was estimated at $250,000.

Anilin and other dyes employed in the textile goods in Canada in 1937 amounted to 365,816 pounds as compared with 322,210 in 1936.

'Doris Hamlin,' a four-masted schooner, left Baltimore October 5 for Haiti, from which it will return with a cargo of logwood for the J. S. Young Company.

Lightoot Schultz Company, cosmetic manufacturer, has leased office space at 663 Fifth avenue, this city. The company is an affiliate of the American Safety Razor Company.

Medicinal and toiletry manufacturers in Cuba has been listed by the Department of Commerce, Washington. Lists are available to accredited American firm at 10 cents per copy.

Perfumery & Cosmetics Exhibits, Inc., operator of the Cosmetic building at the New York World Fair, has decided to extend its contest for a suitable name for the building until November 15.

Medicinal and toiletry importers and dealers in Turkey have been listed by the Department of Commerce, Washington. The list is available to accredited American firm at 10 cents per copy.

Medicinals and toiletries manufacturers in Netherland Indies have been listed by the Department of Commerce, Washington. The list is available to accredited American firms at 10 cents a copy.

Aromatic materials, including fifty kinds of volatile oils for use in production of perfumes, will be produced in a new multiple perfumery works being erected near Kaluga by the Soviet Union.

Robert L. Hague, general manager of the marine department of the Standard Oil Company of New Jersey, has been appointed a member of the board of visitors for the New York Merchant Marine Academy.

Cosmetics, powders and toilet requisites imported by Ceylon in 1937 amounted to 5,280 per hundredweight, of which United States supplied 25.3 percent, as against supplying 29.7 percent in 1936, when imports totaled 6,339 per hundredweight.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERLÉ, 205 Fulton Street, NEW YORK
Telephones: Cortlandt 7-1460-1461 Cable Address: "Fezan," N.Y.

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Acetic Acid
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Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
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Crotonaldehyde
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"SODACET"
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SODIUM ACETATE
SPECIAL 90% GRADE
A fine free-flowing powder containing 50% more actual Sodium Acetate, pound for pound, than the usual 60% grade.
Aluminum Acetate Solutions
20% Normal, 32% Basic
Sodium Acetate
Tech. 60%, Special 90% Grades
NIACET CHEMICALS CORPORATION
NIAGARA FALLS, N.Y.

N.Y. Production Club Discusses Drying Oils

The New York Paint and Varnish Production Club held its October meeting at the Building Trades Employers' Association, October 13, with an attendance of 102 members. Alexander Schwarcman, research director of Spencer Kellogg & Sons, gave an address on the latest developments in drying oils, and, W. H. Gardner, supervisor of shellac research at Polytechnic Institute, spoke on shellac and its uses in protective coatings. The cost accounting committee, headed by Frank N. Stearns, of Keystone Varnish Company, held an open discussion on costs.

Lane Elected President Of New England Paint Club

The New England Paint and Oil Club at its annual meeting September 27, in the Salem Country Club, Peabody, Mass., elected officers for the coming year. Balloting resulted in the following selection:—President, Franklin J. Lane, of the Boston Varnish Company; vice-president, George A. Coleman, of the National-Boston Lead Company; secretary-treasurer, William B. McIntyre, of the William G. McIntyre Company. The following directors were named:—George Wells II, Frank A. Appleton, E. E. Morton, Charles L. Raffi, Tomas F. Duffy, Albert S. Fuller, and John G. Legg. The gathering also named delegates and alternates to the annual convention of the National Paint, Varnish and Lacquer Association; and heard a brief tribute to the late James G. Maroney. An afternoon of golf preceded the dinner and meeting.

Monsanto Plastics Used For Making Bait Trap

The Monsanto Chemical Company is supplying the Acme Bait Trap Company, St. Louis, with plastics for the manufacture of a bait trap. The frame of the trap, made in cylindrical shape with a conical entrance and no exit, is made of rust-proofed metal, firmly riveted. The trap itself is made of Monsanto cellulose acetate sheeting of ten gauge. George Cross, of the Acme company, claims to have caught as many as 168 minnows in 20 minutes with the plastic trap.

Golden Gate Paint Club Names 1938-39 Committees

The Golden Gate Paint, Varnish and Lacquer Association was addressed October 7 by Edward H. Chloupek, Czechoslovakia consul in San Francisco. The chairman and members of the various committees of the club have been appointed to serve during the year commencing October 1. The chairmen of the various committees are:—Executive, R. D. Sullivan; manufacturers' and distributors' group, S. H. Kline; raw materials, A. E. Schwartz; trade promotion, R. N. Nason, jr.; legislative, A. W. Scott; credits, C. H. Sonhaus; golf, H. L. Miner; membership, V. R. Furst; entertainment, Paul W. Wood, and program, H. S. Margetts.

Detroit Production Club Addressed by C.J. O'Neil

The Detroit Paint and Varnish Production Club held its first meeting of the 1938-39 season at the Dearborn Country Club, Detroit, recently. The meeting, at which nearly two-score members and guests were present, was presided over by C. W. Oliver. The gathering was addressed by C. J. O'Neil, of the Johns-Manville Corporation, on the subject of "Celite." He illustrated his lecture of the properties and uses of the material with a lantern-projection depicting the production and processing of this diatomaceous silica.

Monsanto Plastics Division Broadens Advertising Program

Entrance of the plastics division of the Monsanto Chemical Company into the ranks of national advertisers has been made known by John C. Brooks, vice president of Monsanto in charge of the plastic division.

An institutional advertising campaign to inform chemical and plastics users of the company's services and products has been started. The Monsanto Chemical Company has its general headquarters in St. Louis, Mo. The Gardner Advertising Company, St. Louis and New York, has been retained as advertising counsel.

Magnetic Pigment Co. Issues Booklet Describing Products

The Magnetic Pigment Company, manufacturer of the Mapico line of pigment colors distributed by Binney & Smith Co., this city, has issued a new twenty-eight page booklet containing uggested uses for its line of No. 100 yellows as well as other Mapico pigments. The booklet is equipped with color cards in mass tone and also extended tints. Complete information on oil viscosity, hiding power, specific gravity, bulking value and analysis is also contained in the booklet.

Caustic Soda Freight Minimum Weight Changed

Albany, Oct. 12, 1938

The New York Public Service Commission has approved an amendment to the commodity freight tariff of the following:—

Of the New York Central (East) on caustic soda from Syracuse and Solvay to Albany for New York Central or West Shore delivery, providing a change in minimum weight to read "in iron or steel drums, casks or tight barrels, or in boxes, cases or crates, 45,000 pounds." Effective October 28, 1938.

Obituaries

Henry W. Merritt

Henry W. Merritt, a former president of the National Retail Druggists Association, died October 7 in a hospital in Wilkes-Barre, Pa. He was sixty-five years old. Mr. Merritt studied at the Wilkes-Barre Business College and the Mansfield State Teachers College. He was long engaged in the retail drug business and had been postmaster of Wilkes-Barre. He was prominent in Masonic circles. His survivors are his wife, two daughters, and one son.

Earl Welborn

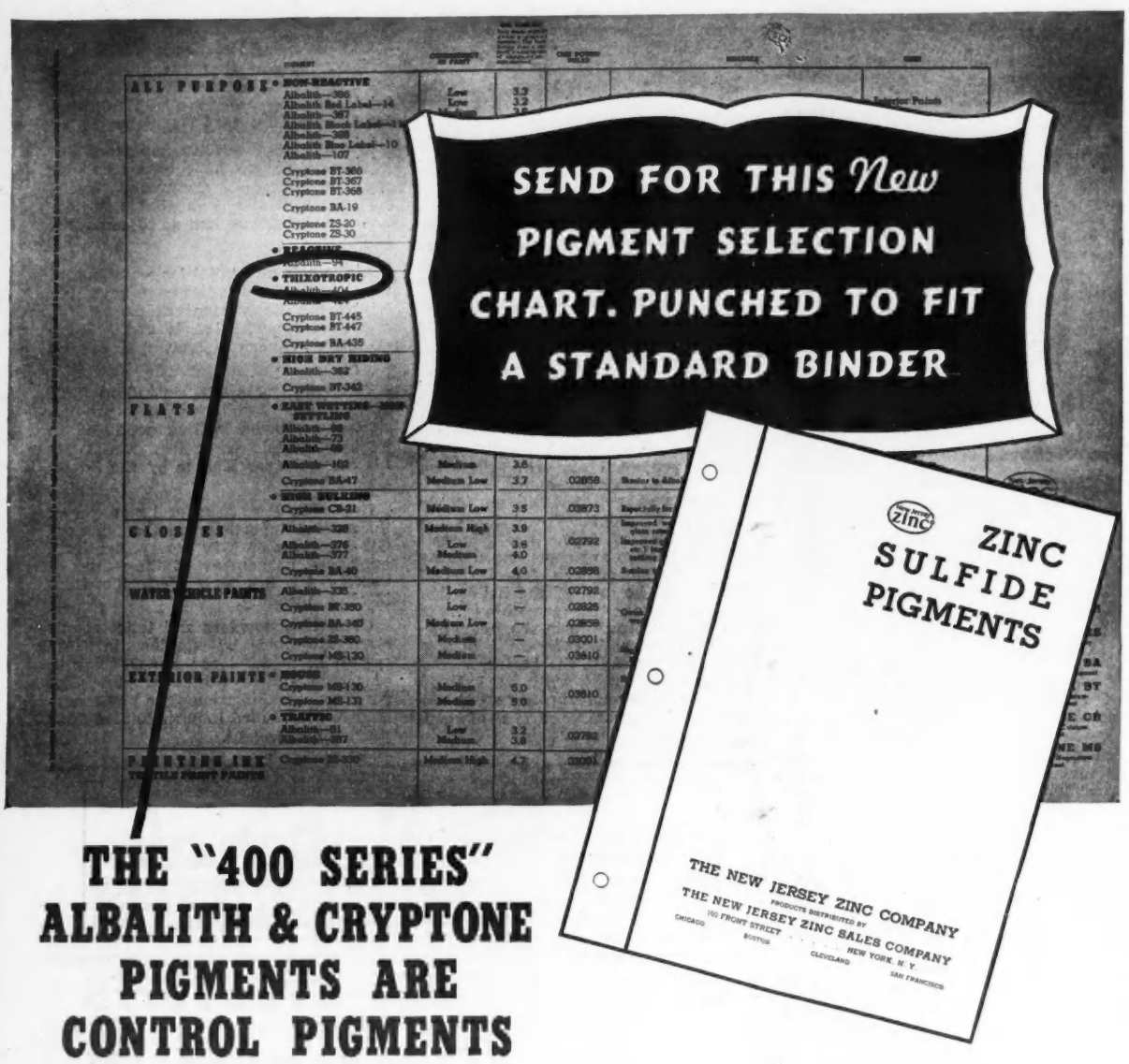
Earl Welborn, a member of the lubricating sales executive staff of the Socony-Vacuum Oil Company, this city, died in St. Louis, October 7. He was fifty-four years old. He became associated with the Vacuum Oil Company in 1924 and specialized in sales of lubricating products to the cement and paper industries. Following the merger with the Standard Oil Company of New York, Mr. Welborn became a member of the lubricating sales executive staff. His widow, three daughters and a son survive.

John T. Campbell, foreign freight agent for the Corn Products Refinery Company, died October 6 in a hospital in this city. Survivors are his wife and one daughter.

Charles P. Clarkson, president of the Charles Helmuth Printing Ink Corporation, this city, was fatally injured October 7 in an automobile accident near Elizabeth, N. J. He was forty-nine years of age.

Oluf Holm, founder of Oluf Holm, Ltd., Aalesund, Norway, manufacturer and exporter of codliver oil and other fish oils, died October 8 in Norway, according to a cable received in this city by the E. M. Javitz Company, representative for the Holm company in United States and Canada. Mr. Holm was seventy-six years of age.

Dr. Forde Morgan, medical director for the Sterling Products Company and its predecessor, the Charles H. Phillips Company, since 1908, died October 8 in his home in the Bronx, N. Y., following a six weeks' illness of heart disease. He was seventy-two years of age. His widow, a brother and a sister survive.



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Used as the major hiding pigment they produce paints of desirable creamy body which are non-settling, easy to brush and of good leveling properties.

Used in conjunction with other pigments they correct settling tendencies, produce more body and improve packaging qualities.

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THE NEW JERSEY ZINC COMPANY
[illegible] FRONT ST. zinc NEW YORK

Paint, Varnish, Lacquer Materials

Buying Continues Light—Rehabilitation in New England Furnishes Some Activity—Moderate Change in Rosin Prices—September Residential Construction Up

The purchase of paint, varnish and lacquer chemicals for prompt manufacturing use continued light through last week. Some of the pigment suppliers were favored with a welcome lift of business from the New England sector, where flood rehabilitation work was going on and which had not been expected to reach the paint materials replacement market until the Spring. Mild, dry weather was favorable to outside painting work.

Prices had a steady tone and principal interest was centered upon the markets for the pigment metals. Zinc was raised in price on Thursday and the pig lead market was very strong, with daily expectations of an advance. In the absence of an increase in metallic lead prices, derivative oxides held at the price levels established in mid-September.

Natural resins passed another week without price changes. The replacement market for the copals, dammars and other natural gums has been quite steady for the past three weeks, despite very little buying support and the market is in such a position that any sort of a buying movement would likely have instant reflection in the prices.

Rosin and turpentine were quiet in Southern and local markets last week, the slowing down of business being attributed to the mid-week holiday as well as the recent advance in prices, the latter making consumers and dealers disposed to curtail purchases. Prices showed irregular, changes being moderate, with the prevailing tone in the South regarded as firm. Receipts were liberal and there was a further increase in primary stocks.

Residential contracts awarded last month in the 37 States east of the Rocky Mountains amounted to $99,574,000 compared with $65,590,000 in September, 1937, and with $99,732,000 in August of this year, according to the Dodge figures. The increase over September, 1937, was 52 percent, and the daily average of September contracts was somewhat higher than the August daily average, whereas there is usually a seasonal decline in September. Two outstanding large projects swelled the September residential total, both in New York City. One was the Red Hook housing project, first to be started under the new Federal public housing program, contracted for at $7,243,000. The other was the first unit of the vast investment housing project of the Metropolitan Life Insurance Company, valued at $11,685,000. While these two projects were of exceptional character in the September record, both are forerunners of similar public and private housing projects to come. Together, they accounted for nearly $19,000,000 of the $34,000,000 increase over September, 1937. Of the fifteen districts making up the 37 States territory, nine besides the Metropolitan New York area showed residential contract increases over the corresponding period of last year. The month's record included 10,090 new single-family houses. compared with 8,373 contracted for during September, 1937.

Recovery progress in residential building is shown in the 1938 record by quarters. The dollar volume of contracts in the first quarter ran 33 percent behind the first quarter of 1937; the second quarter of this year ran 15 percent behind; but the third quarter ran 30 percent larger in residential volume than the third quarter of last year. At the end of September, the cumulative dollar volume of residential contracts for this year was only 7 percent behind the figure for the first nine months of 1937.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Turpentine, gum, 1c. per gal.

Reduced

Rosin, gum, 15c. to 45c. per 280 lbs.
Rosin, wood, 30c. per 280 lbs.
Tricresyl phosphate, 1½c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.1	**131.1**	**131.1**	**134.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead prices held unchanged at 5.10c. to 5.15c. per pound at New York and 4.95c. per pound at East St. Louis. The prices were considered in a very strong position and throughout the week there were daily expectations of an advance. A good healthy demand was fostered by the increases made in copper and zinc prices during the week.

Zinc prices moved up 10 points Thursday. The market was placed at 5.05c. per pound, f.o.b. East St. Louis and represented the first time the market was over the 5c. mark in some time. Galvanizers were very heavy buyers before and after the rise.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from October 8 to October 14, inclusive, were as follows:—

	Pigs		
	Per pound		Spot, London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0510@.0515	$0.0495	.. .. ..
Monday	.0510@.0515	.0495	16 2 6
Tuesday	.0510@.0515	.0495	15 18 9
Wednesday	*...@....	*...	16 6 3
Thursday	.0510@.0515	.0495	16 12 6
Friday	.0510@.0515	.0495	16 16 3

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from October 8 to October 14, inclusive, were as follows:—

	Slabs		
	Per pound		Spot, London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0535	$0.0495	.. .. ..
Monday	.0535	.0495	15 0 0
Tuesday	.0535	.0495	14 17 6
Wednesday	*...	.*...	15 0 0
Thursday	.0545	.0505	15 5 0
Friday	.0545	.0505	15 8 9

* Holiday.

Pigments

The metal markets were very strong last week and although there had been no change in the domestic lead price up to the time of this writing an advance in price was not unexpected. Zinc metal prices advanced Thursday. Pigment suppliers received a welcome upturn of interest in deliveries last week, particularly from manufacturers supplying the New England area. There were no changes reported in the price of pigments last week.

White Lead.—There was a moderate lift in business last week. Sellers reported a gain in business from the New England area where flood rehabilitation demands had not been expected until next Spring. The strong position of the metal market gave things an appearance of fundamental strength.

Red Lead. — The market appeared strong because of the strong position of the basic metal but up to the time of this writing there had been no change in pig lead quotations and the prices for this derivative held at the levels of the preceding week. There was a livelier movement to the battery trade.

Litharge.—In reflection of the very strong market for pig lead, this oxide was also characterized by price strength. The car lot prices held at the levels established on September 19 and the l.c.l. or card prices in force were those established on September 15.

Lithopone. — While the demands against contracts were reported as having been very spotty the volume of trade at some Eastern manufacturing points was larger than it was a week ago. The price situation continued steady and was without change.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

● It takes the expert touch of skilled hands to insure the unvarying uniformity of our line of Ultramarine and Cobalt Blues. They are of standard specialized types to meet the exacting needs of today's manufacturers of Paint and Printing Inks. Throughout every step in their processing, their quality is safeguarded by our own supervision in our own plant. We also offer a full range of types for the Paper, Rubber, Soap, Linoleum and Textile Trades. Wire or write today for generous free working samples.

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Zinc Oxide. — The rubber products manufacturers have been taking fair-sized amounts so far this month but the paint industry's consumption is rather light. The prices for lead-free and leaded oxides continued unchanged. Metallic zinc prices were advanced on Thursday.

Fillers and Extenders

Generally, the consuming interest in fillers, mineral whites and extender products was small. In some spots, including the rubber trade, business had a characterization of fair but nowhere was there any real sign of briskness in the trading. Prices continued unchanged.

Barytes. — Prices held in a steady position at the levels that have been in force for some time back. The demands from the paint manufacturing industry were moderate.

Wood Flour.—There has been a fair sort of interest from some of the linoleum manufacturers. Buying by paint and plastic manufacturers has been light. Prices for the foreign article are more or less nominal because of the lack of new business.

Dry Colors

The color market's freedom from price fluctuation is its foremost attainment these days. The demands of the market have been quite irregular. Some of the chemical color houses say they have been favored with some fair business, but others report a dull and listless market. Earth colors were slow. Carbon black was improving on increased tire manufacturing operations.

Carbon Black. — The rubber blacks have been moving at a fairly good rate so far this month. The tonnage for October may exceed that of any preceding month this year. Ink blacks were in fair request. The price situation has not changed.

Iron Oxides.—Natural and synthetic oxides continue steady and unchanged in price. The demands of the market have been limited during recent weeks.

Lithol Toner. — Quotations for this material held at the long standing level of 75c. to 80c. per pound, the former figure representing the contract price.

Mercuric Oxides. — The recent fluctuations in the price of quicksilver have not influenced the position of the technical red and yellow oxides.

Venetian Red.—There has been no change in the position of these materials. The demands were spotty and buyers were not inclined to anticipate on their forward needs.

Vermilion.—The quicksilver product has not changed in price since the recent advance to $1.50 for large lots and $1.51 to $1.64 per pound for the smaller quantities.

Varnish Gums

Replacement market prices for natural gums were again unchanged last week. For the second week in succession cables from abroad contained the same prices as in the preceding week. The demands of the market continued light and the deliveries against contracts were also small.

Copals. — The prices on replacement goods have not been changed for the past two weeks. The recent advances in Hiroe nubs and black scraped and Batu scraped were well held despite the limited volume of business around the market.

Dammars.—Neither the Batavia nor the Singapore dammars has changed in price during the past two weeks. The cables from abroad indicate a firmness in the market albeit there has not been very much buying support.

Synthetic Resins

Manufacturers of synthetic finishes have been taking moderate quantities of gum for prompt manufacturing use. While the sellers of ester gum have not been doing a rushing business, the calls for deliveries so far this month have improved over the takings for this time in September. Pricewise, there has been no change in the market since the reduction that took place on the fifteenth of September.

Naval Stores

Southern and local markets for naval stores were quieter last week. The falling off in business was attributable partly to the mid-week holiday, but it was also apparently due to some extent to the upturn in prices in recent weeks, the advance making domestic consumers and dealers as well as foreign buyers disposed to curtail purchases for a time and await further developments. There were reports to the effect that the movement of rosin to makers of soaps and paper on unfilled contracts was on a fair scale but new purchases, as already intimated, were also for the time being at least of a more cautious character than recently. Transactions in turpentine in tankcars were also reported as fair in some sections although the sales in barrels in primary markets, as officially reported, were light.

The prevailing tone in trade circles here, however, was still apparently rather optimistic concerning the outlook for business and prices with the advance of the Fall season, the improvement in sentiment which developed with the announcement of an increase in the government loan to producers still being noticeable. At times the tendency of rosin prices was reactionary as a result of the lessened demand but there was no increase in offerings in primary centers as the bulk of the arrivals continued to be placed in storage under the government loan. As the outward movement of rosin from seaboard markets was light, there was a further increase in stocks. Consular advices from Mexico stated that in the Guadalajara naval stores area the total output of turpentine for July and August amounted to between 60,000 and 70,000 gallons. Stocks of turpentine on hand at the end of August were reported to be between 38,000 and 50,000 gallons. Shipments of turpentine for the two months totaled 46,729 gallons, to the United States. Production of rosin for both months was estimated at approximately 500 metric tons. Estimated stocks on hand at the end of August were between 300 and 400 metric tons. There were no exports of rosin to the United States and figures showing exports to other countries were not obtainable.

Turpentine. — A steady or firm tone prevailed in the market here last week, changes in quotations being narrow in the absence of any wide price movements in primary centers where daily offerings continued light. In the local market business was quiet much of the time, consumers and dealers being disposed in some cases to curtail purchases and await further developments.

SAVANNAH, Oct. 14.—The turpentine market retained a firm tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	21¼	46	188	152	50,157
Tuesday	21½	30	461	35	50,583
*Wednesday	..	...	...	...	.....
Thursday	21¾	10	650	1,416	49,817
Friday	22	13	258	10	50,065

* No trading.

JACKSONVILLE, Oct. 14.—The turpentine inquiry was better and the market

SYNTHETIC Resins
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ruled firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday.....	21¼	235	315	...	47,530
Tuesday....	21¾	50	137	...	47,667
*Wednesday	...	...	...	...	.....
Thursday ..	21⅝	24	254	33	47,888
Friday	22	37	265	47	48,153

* No trading.

CHICAGO, Oct. 14.—Turpentine is still marking time. Movement of material is reported still quite slow, as there is little buying aside from the limited amount of routine activity. Ruling prices at the close of business last night were: Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, Oct. 14.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	32	0
Monday	32	0
Tuesday	32	0
Wednesday	32	0
Thursday	32	0
Friday	32	0

Stocks of American turpentine in London were:—

	Oct. 14.	Previous week.	Last year.
Barrels	27,227	28,510	18,271

Rosin.—The local market was quieter last week, consumers and dealers generally being disposed to curtail purchases and await further developments. Prices showed more or less irregularity, but changes were within moderate limits and the undertone appeared to be firm. Receipts in primary markets were liberal but the bulk of the arrivals continued to be moved into storage under the government loan.

SAVANNAH, Oct. 14.—A firm tone continued to prevail in the rosin market. Following is a record for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	*Wed.	Thurs.	Fri.
B	...	$3.90	$3.90	...	$3.80	$3.80
D	...	4.00	4.00	...	4.00	4.00
E	...	4.25	4.25	...	4.25	4.25
F	...	5.00	4.95	...	4.90	4.90
G	...	5.12½	5.05	...	4.85	4.90
H	...	5.12½	5.05	...	4.85	4.90
I	...	5.12½	5.05	...	4.85	4.90
K	...	5.12½	5.05	...	4.85	4.90
M	...	5.15	5.05	...	4.87½	4.90
N	...	5.50	5.45	...	5.25	5.30
WG	...	5.75	5.70	...	5.50	5.60
WW	...	6.50	6.50	...	6.25	6.25
X	...	6.50	6.50	...	6.25	6.25
	Barrels					
Sales	...	344	166	...	582	...
Receipts...	...	1,664	3,063	...	3,023	1,212
Shipments.	...	200	854	...	3,655	92
Stocks.	...	262,855	265,064	...	264,432	265,572

* No trading.

JACKSONVILLE, Oct. 14.—The rosin market was fairly active with the tone firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	*Wed.	Thurs.	Fri.
B	...	$3.50	$3.50	...	$3.50	$3.50
D	...	3.80	3.80	...	3.80	3.80
E	...	4.00	4.00	...	4.00	4.25
F	...	5.20	5.00	...	4.90	4.80
G	...	5.25	5.12½	...	4.97½	4.90
H	...	5.25	5.12½	...	4.97½	4.90
I	...	5.25	5.12½	...	4.97½	4.90
K	...	5.25	5.15	...	4.97½	4.90
M	...	5.30	5.15	...	5.00	4.90
N	...	5.50	5.50	...	5.40	5.40
WG	...	5.85	5.85	...	5.60	5.60
WW	...	6.15	6.15	...	6.25	6.25
X	...	6.15	6.15	...	6.25	6.25
	Barrels					
Sales	...	1,186	138	...	175	314
Receipts...	...	1,375	1,454	...	2,170	1,151
Shipments.	...	...	14	...	2,873	502
Stocks.	...	230,913	232,353	...	231,650	233,299

* No trading.

PENSACOLA, Oct. 8.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	405	318	224	218	256	489
Shipments	...	75	...	...	...	...
Stocks	62,764	63,007	63,231	63,449	63,705	64,194

CHICAGO, Oct. 14.—There is a minimum amount of activity in rosin at this time, with most buyers still apparently preferring to stay on the sidelines until the outlook clears. Ruling prices at the close of business last night were: B grade, $6.90 per lot of 280 pounds; G grade, $8.05; M grade, $8.05; W. W. grade, $9.50.

LONDON, Oct. 14.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	15	9	20	0
Monday	15	9	20	0
Tuesday	15	9	20	0
Wednesday	15	9	20	0
Thursday	15	9	20	0
Friday	15	9	20	0

Pine Oil.—There were reports of some increase in the movement to local and other consumers though buyers were generally disposed to adhere to a conservative course in purchasing operations. The tone was firm.

Pitch.—Spot quotations were generally maintained at previous levels with the tone of the market firm. A somewhat better inquiry for moderate quantities was reported.

Rosin Oil.—The local situation was firm, the tone of the market being influenced by recent developments in basic material in primary centers. Purchasing here continued along conservative lines.

Tar.—A steady tone ruled in the local market. Business lacked snap but there was a fair movement on contracts and transient orders.

Shellac

Reports concerning the final estimate of the Bysaki shellac crop in India indicate an output of 814,500 maunds of sticklac. which is a figure higher than estimates made in the two previous years. The 1937 estimate was 798,000 maunds, and the 1936 was 760,000. A maund equals 164 pounds. News concerning a meeting for the purpose of rehabilitating the Indian industry states that the conference of representatives from Bihar, United Provinces, Central Provinces, and the Government of India, together with a few interested Indian states, was held in Ranchi. Some of the resolutions passed at the conference were: 1. To improve the marketing of lac by a licensing of dealers and manufacturers; the establishment of regulated and registered markets to which manufacturers alone would be allowed to purchase lac; and the formation of a syndicate or association of manufacturers under Government control. 2. The conference strongly urged upon the Government of Bihar, Central Provinces, and United Provinces the necessity of establishing plastic molding, paints and varnishes, and other industries, with a view of increasing the home consumption of lac. 3. The conference also urged the necessity of establishing definite grades and standards for Indian shellac, intensifying lac research, introduction of improved methods of cultivation and manufacture, and the standardization of weights. In addition it was also recommended that an organization of growers' cooperative societies be established; also, the setting up of a clearing house for information on lac.

Calcutta, Oct. 14.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound— Oct. 14.	Oct. 7.
October	11c.	11½c.

Day-to-day prices were as follows:—

	Per pound.
October 7	11½c.
October 8	11½c.
October 10	11c.
October 11	10⅝c.
*October 12	...
October 13	11c.
October 14	11c.

* Holiday here.

London, Oct. 14.—Prices quoted on London standard T.N. shellac, basis of sterling exchange at $4.88, were as follows:—

	October 14— Shillings. Cwt.	Cents. lb.	October 7— Shillings. Cwt.	Cents. lb.
December.	38¾	8.34	39¼	8.55
March....	39¾	8.67	40½	8.83

Day-to-day closing prices were as follows:—

	Per hundredweight December.	March.
October 7	39s 3d	40s 6d
October 8	39s 3d	40s 6d
October 10	39s 3d	40s 6d
October 11	39s ..	40s 6d
*October 12	... ..	... ..
October 13	38s 3d	39s 9d

* Holiday here.

Lacquer Materials

Volume of business in the market for lacquer materials and solvents continued to show moderate improvement in most directions last week. Activity in the automotive field continued to provide the best stimulus to the market as a whole either directly or indirectly, while miscellaneous consumers were reported to be giving the market a fair share of support. Seasonal conditions, reflecting the broadening of output for the Christmas season by plastic trade in particular, was pointed out as a factor. A revision in the quotations for various grades of tricresyl phosphate featured the market pricewise; otherwise a steady to firm tone predominated. Some signs of labor trouble in the Detroit area created a little uncertainty at this time for the automotive industry. A thirty-two-hour work week was sought by members of the United Automobile Workers of America. The trouble started a week ago was temporarily settled, subject to further negotiations. In addition, a sit-down strike occurred in a large automobile accessory plant, and a settlement of a labor dispute was accomplished in the Racine, Wisconsin sector.

Acetone.—Business in the market was maintained at comparatively good levels throughout the past week. A broadening in demand was evident in virtually all major consuming channels. Prices ruled unchanged. August exports were

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

ORGANIC AND INORGANIC
PIGMENT
COLORS
IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
GLENS FALLS, NEW YORK

Branch Offices and Warehouse Stocks:
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NEW YORK — DETROIT — DALLAS — SAN FRANCISCO
PITTSBURGH — CHICAGO — LOUISVILLE — TORONTO
BOSTON — LOS ANGELES — SEATTLE — CLEVELAND

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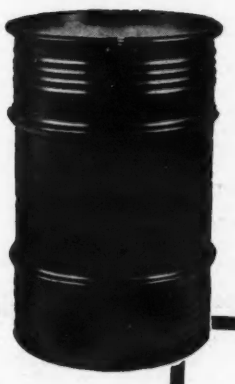

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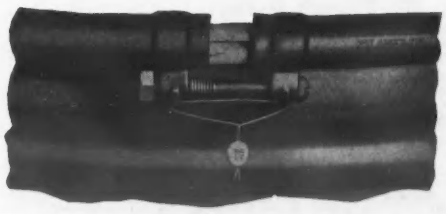

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1,224,600 pounds, valued at $66,460, of which Belgium, Canada, The United Kingdom and Australia provided the bulk of the business.

Butyl Acetate.—Improvement was evident in most directions throughout the past week. Prices were without alteration. August exports totaled 240,999 pounds, valued at $24,859.

Cellulose Acetate.—Business was held at a steady pace last week, with seasonal influences contributing to the better tone. Prices were unchanged. August production of sheets, rods and tubes were 546,422 pounds, against 1,416,253 pounds in August, 1937; for first eight months of 1938 production was 2,850,514, compared with 9,684,775 pounds. Shipments during August totaled 529,529 pounds, against 1,466,693 pounds in August, 1937, and for the first eight months amounted to 2,834,730 pounds, contrasted with 9,712,755 pounds in the corresponding period a year ago.

Tricresyl Phosphate.—Quotations for the various grades of tricresyl phosphate were reduced 1½c. per pound, including the CP, and the technical grades. Business was reported as holding at better levels at this time than earlier in the month, and gradual improvement was to be looked for from this point on.

Driers

Buyers' withdrawals against contracts which were issued for the fourth quarter of the year at no change in price, have been mild. The grease trade's current interest is relatively better than other lines of consuming outlet.

Glues and Binders

Casein.—Western material was still offering at 8¾c. per pound for carload lots of 20-30 mesh delivered. The Eastern production was generally around 9c. per pound for that mesh. The usual ½c. per pound additional for 80-100 mesh grinding was in force. There was not very much business in the market last week.

Glues.—The market was very dull last week. The price situation has not changed and there were reports of weakness here and there.

Nu-Enamel Trademark Case to Be Reviewed

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States has granted certiorari in the case of Armstrong Paint & Varnish Works versus the Nu-Enamel Corporation, involving validity of the trademark, "Nu-Enamel."

The Nu-Enamel Corporation filed suit alleging infringement of its trademark by the defendant's use of the mark, "Nu-Beauty Enamel," and the United States Circuit Court of Appeals for the Seventh Circuit reversed a decree of dismissal, holding "Nu-Enamel" valid as a trademark and infringed by use of the other mark.

The Armstrong company has contended that "Nu-Enamel" as a trademark for enamel is descriptive and cannot be the subject of a valid trademark; and that acquisition of a secondary meaning is immaterial.

Huisking & Co. Takes Optimistic View on Outlook

Charles L. Huisking & Co., chemical and drug merchant, this city, takes an optimistic view on the outlook for the future, according to the October issue of the company's report. After commenting on the final consummation of the "Peace Treaty" in Europe and pointing out that the company had persistently pointed out that actual warfare would not start, the opinion is given that recent events have shown how little it would take to throw the world into a cataclysm. The market has logically responded to removal of the pressure.

The report goes on to say that there are so many questions disturbing all of Europe that it must of necessity take a long time to solve the pressing problems. It follows that with present prices throughout the line being on low levels, it behooves customers to analyze their probable requirements for some time ahead and cover themselves with as much protection as possible. The report concludes with the statement that "we are optimistic on the general outlook."

Peoples Drug Stores, Inc., September sales totaled $1,710,975, against $1,774,769 in September, 1937.

N.Y. Production Club Convention Entraining Revised

The New York Paint and Varnish Production Club has changed its leaving time on Sunday, October 23, for the annual convention, Atlantic City, to the following:—Leave New York Pennsylvania station at 3:00 p.m.; leave Newark Pennsylvania station, 3:15 p.m.; leave North Philadelphia, 4:44 p.m., which train will arrive in Atlantic City at 5:55 p.m. For special roundtrip party coach fare ticket at rate of $4.15, minimum twenty-five persons, members are urged to see Carlton H. Rose, secretary and treasurer of the club, 105 York street, Brooklyn, or telephone, Triangle 5-2805.

All of the clubs west of Chicago have been invited to board the "special" train of the Chicago Paint, Varnish and Lacquer Association.

Members of the New England Paint and Oil Club planned to leave the South station, Boston, over the New York, New Haven & Hartford Railroad at 12 o'clock noon on Tuesday, October 25, due in Atlantic City at 10 o'clock that night. The train is scheduled to leave Providence at 1 p. m. and New Haven at 3:33 p. m. for the convenience of out-of-town members.

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PRODUCTS OF UNIFORM SUPERIOR PERFORMANCE

Paint Industries Show Exhibitors

Ambassador Hotel, Atlantic City, N. J.

October 24 to 28, 1938

Paul O. Abbe, Inc.

Booth 4

Paul O. Abbe, Inc., will display a new type of mixer with which they have been experimenting. They will also demonstrate one of their pebble mills and show the various parts making up their units. In attendance at the booth to discuss the mechanical and technical nature of grinding and mixing equipment will be Paul O. Abbe, president of the firm; Oakley H. Garlick, secretary; Henry Lussen, sales engineer, and Chester Osborne, chemist.

Aluminum Company of America

Booths 25 and 26

The booth of the Aluminum Company of America will tell the general story of the use of aluminum for painting purposes, with special emphasis placed on the various subjects and materials to which it can be applied. Compartments will show aluminum paints as applied to several common building materials. A model factory interior, finished with aluminum paint, will be used to demonstrate light reflection advantages. W. B. Roberts, M. R. Kambach and other sales representatives of the Aluminum organization will be present at the exhibit.

American Cyanamid & Chemical Corporation

Booth 11

The exhibit of the American Cyanamid & Chemical Corporation will be made up of a display of the synthetic resins, "Rezyl" resins, "Teglac" ester gums, and other paint materials manufactured by the company. Various articles illustrating the application of the raw materials will also be shown. Company representatives in attendance at the booth will be: J. McE. Sanderson, L. M. Dutt, W. F. Whitescarver, E. A. Wieland, and M. J. Wixson.

American Gum Importers Association, Inc.

Booth 32

Samples of a wide variety of natural resins and a number of new products made from these materials will be shown in the booth of the American Gum Importers Association. A new comprehensive booklet showing resin characteristics and compatibilities with a wide range of cellulose derivatives, resins, pitches and waxes will be distributed at the exhibit. Chemical engineers Anthony Skett, Robert W. Allan, John H. Holzberger, and Charles W. Kopf, of the development laboratory staff will be in attendance at the exhibit.

Anderson-Prichard Oil Corporation

Booth 5

A demonstration showing that the type of thinner used in an enamel may produce pronounced effects in the flow-out characteristics of the enamel will be the feature of the Anderson-Prichard Oil Corporation exhibit. Another display will combine some novel features with a standard method of testing the flow-out of an enamel. Present at the booth will be Don Fay, senior technician of the Chicago research division, D. D. Rubek, in charge of technical service, and J. K. Stewart, director of industrial naphtha research at Chicago. Page service will be installed at the booth for C. H. Dresser, director of industrial naphtha sales; H. E. Easterday, Eastern division manager; D. H. Litter, Atlantic division manager; and H. L. Davis, of the Atlantic division.

Atlantic Research Products, Inc.

Booth 19

The display of Atlantic Research Products, Inc., which is made in cooperation with its affiliate, Atlantic Research Associates, Inc., will set out in an attractive manner the casein paste paints which are currently available to the oil paint manufacturer under his own label as a supplement to his present line. With this will be shown 'Aratone 270,' a micaceous pigment, with the why and wherefore of its use. The booth will be in charge of F. C. Atwood, president of the Associates organization, and Edward F. Maloney, president of the Products division.

Atlas Electric Devices Company

Booths 14 and 15

The Atlas Electric Devices Company exhibit will consist of an animated display symbolizing sunlight, rainfall, and cold. A "Weather-Ometer" for accelerated laboratory weather tests and a "Fade-Ometer" for accelerated laboratory sunlight tests will be in operation. In addition there will be a display of tested specimens furnished for the exhibit by regular users of these ometers. Those in attendance at the Atlas exhibit will be C. W. Jameson, president; V. S. Weiler, sales manager; H. H. Jameson, engineer; L. I. Monaghan, Philadelphia representative; and Fred Schlayer, New York representative.

Bakelite Corporation

Booths 23 and 24

The display of the Bakelite Corporation will feature resins which have been developed for nitrocellulose automotive finishes, anticorrosive primers, and heat reactive finishes. Also exhibited will be samples of their 100 percent phenolic resin, which will have its resistance to acid, gasoline and water shown by actual demonstration, and several new dispersion resins for use in rapid air-drying finishes. In attendance at the booth will be R. J. Barbour, R. A. Brennock, A. Brown, G. Brown, W. H. Butler, C. R. Given, E. H. Gross, R. J. Moore, C. M. Rice, H. Smith, and V. H. Turkington.

Binney & Smith Company

Booth 39

The Binney & Smith Company's booth will exhibit samples of many of the new developments in the field of carbon black and iron oxide pigments. Included in the display will be an interesting series of exposure panels. Personnel representing the company will be: Sales managers J. M. Hamilton, A. H. Hastorf, Jr., and J. T. Kealy; technical service division representatives J. W. Snyder, and L. J. Venuto; K. E. Burgess of the technical division of the Mapico pigment department; and C. O. Davidson and J. R. Keating of the New York sales staff.

Bramley Machinery Corporation

Booth 38

The Bramley exhibit will have a continuous motion picture showing the construction and operation of Bramley mills and a picturization of the outstanding paint, enamel, and lacquer plants where Bramley mills are in operation. Supplementing will be a display of panels and finished coating products made in the mills, and a laboratory size Bramley mill which is the latest addition to the standard industrial line. The exhibit will be attended by B. M. Halpern, general manager and several assistants.

Burt Machine Company

Booth 41

The exhibit of the Burt Machine Company will feature their new quick-change, wide-range, adjustable labeler which will handle practically all cylindrical cans as used by paint manufacturers, from one-fourth pint to one gallon in size. Only four adjustments are required when changing from one size container to another. Harry A. Miller, sales manager; and Charles H. Wild, product manager, will represent the company at the show.

J. H. Day Company

Booth 10

A small three roll experimental paint mill will be displayed at the booth of the J. H. Day Company. Using this unit as a model the several representatives at the exhibit will be able to fully explain the construction and working characteristics of the many larger mills manufactured by the company. The Day company extends an invitation to come and visit with them at their booth.

Dicalite Company

Booth 34

Exhibited at the booth of the Dicalite Company will be the several grades of 'Dicalite' which are finding extensive application as flatting agents in paint products and as filter aids in the manufacture of varnishes and lacquers. A booklet fully explaining the advantages of 'Dicalite' as an inert for paints, varnishes, lacquers, and enamels will be available at the booth. Complete information on 'Dicalite' will be obtainable from A. L. Gossman, executive vice-president; E. T. Frankenhoff, vice-president; H. G. Mount, Philadelphia district manager; E. C. Burwell; H. W. Hall; and A. G. Frankenhoff, all of whom will represent the company at the show.

Dow Chemical Company

Booth 40

The Dow Chemical Company will display the products which it manufactures for paint industry consumption: 'Ethocel', 'Ethofoil', 'Ethocel' plastics and compositions, Dow plasticizers, and 'Styron'. In attendance at the booth to supply information on the Dow products will be Clayton S. Shoemaker, of the New York sales office; Charles E. Sanford, of the Midland sales office; and Joseph L. Sherk and Olin D. Blessing, of the Midland technical service department.

Falk & Company

Booth 29

In addition to samples of the standard and newly developed oils offered to the trade, Falk & Co. will show panels of architectural finishes, industrial varnishes, and caulking compounds in which the various 'Falkover' products are employed. A section of a model house with its interior and exterior finishing done with 'Falkovar' oils in the manner described by Louis J. Reizenstein in his recent address, "Painting with Fish Oils," before the Toronto Paint and Varnish Production Club will also be displayed.

General Electric Company

Booths 8 and 9

In the General Electric both will be exhibited the new 'G-E' recording photoelectric spectrophotometer, a high precision electrical instrument for quickly and reliably making graphic measurements of any color that the human eye can perceive. It finds application in matching colors, measuring fading and capacity, and recording the color of products. C. K. Mead, F. M. Hastings, C. S. Ferguson, E. L. Feininger, J. E. Russell, A. O. Doherr, C. H. Gross, P. E. Doell, J. L. Michaelson, and H. A. Jones will represent the company at the exhibit.

General Plastics, Inc.

Booth 43

'Durez' phenolic and other synthetic resins will be displayed in the attractive booth planned by General Plastics, Inc. Demonstrations will be used to illustrate the resistant qualities of the films containing 'Durez' resins in their formulation. A number of company representatives will be in attendance at the exhibit to discuss resins with visitors.

Hercules Powder Company

Booths 2 and 3

The Hercules exhibit will be a puppet show with a cast of characters including J. B. Wiesel, director of sales and development of the cellulose products department; Arthur Langmeier, director of sales of the naval stores department; and Dr. W. M. Billing, manager of the synthetics department. These men will provide numerous laughs for their many friends while explaining the merits of their respective products. The booth will also show 'Staybelite', the new hydrogenated rosin; 'Petrex' and 'Hercolyn' furniture lacquers; ethyl cellulose; and chlorinated rubber finishes. Among those who will attend will be: J. B. Wiesel, G. C. O'Brien, A. R. Olsen, P. F. Robb, J. H. Rile, M. G. Milliken, C. A. Bigelow, C. A. Higgins, G. F. Hogg, J. M. Schantz, A. Langmeier, Paul Mayfield, F. G. Oswald, R. F. Schlaanstine, J. H. Long, W. M. Billing, L. N. Bent, A. B. Nixon, and M. R. Budd.

Johns-Manville Corporation

Booth 6

A Johns-Manville illuminometer will be demonstrated at the "J-M" exhibit. This instrument is used to measure the amount of light reflected from any surface. It will be set up at the show to measure the night visibility of traffic paint films of different formulas, made with and without Celite. The use of Celite as a general paint inert will also be shown. Among those in attendance at the booth will be W. D. Van Arnam, assistant general sales manager; C. J. O'Neil, staff engineer; O. A. Mockridge and W. J. Bucklee, chemical engineers, of the filtration and filler department; and R. E. Parry and J. W. Plauka, of the research laboratories.

Kent Machine Works

Booths 35 and 36

The Kent Machine Works will exhibit one of its latest design high-speed three roller mills, a laboratory mill of the three roller type, and a new "Super-Change" can mixer. Information on the equipment displayed will be obtainable from James W. Kent, president; Elmer P. Peters, vice-president; and Fred Weitzner, of the Kent company, who will be in attendance at the booth.

J. M. Lehmann Company

Booth 7

Since it is impossible to exhibit any heavy machinery at the show, the Lehmann company is displaying one of the small models of its high speed three roll mills. Information and literature on this small unit and the larger equipment manufactured by the company may be had from E. E. Mueser, president; and Hugh Kelly, who will represent the J. M. Lehmann Company at the exhibit.

Metalead Products Corporation

Booth 37

Panels showing the various types of coatings in which metallic lead paste

has been incorporated as a pigment will comprise the exhibit prepared by the Metalead Products Corporation. A series of metallic dishes demonstrating the protection given pure red lead linseed oil paints to salt water corrosion by the addition of metallic lead paste pigment and a series of panels showing the elimination of creep, crawl and sag by adding lead paste to paints will also be displayed. Albert W. Hahn, president of the corporation will be in attendance.

J. Meyer & Sons

Booth 16

An assortment of the paint and varnish gums and driers offered by J. Meyer & Sons will make up this exhibit.

National Carbon Company

Booths 21 and 22

The National Carbon Company will exhibit and demonstrate its "Eveready" model X-1 accelerated testing unit. Examples of tests made in the unit also will be on display. M. J. Dorcas, A. S. Callaway and H. D. Van Artsdale will be in attendance and represent the company at the exhibit.

New-Way Canning Machines Company

Booth 33

Machinery suitable for packaging paint, varnish and lacquer materials in containers will be exhibited in the booth of the New-Way Canning Machines Company.

Paramet Chemical Corporation

Booth 42

A display of the synthetic resins, "Paranol," "Paradura," "Esterol" and "Paramet" ester gum will be presented by the Paramet Chemical Corporation. They invite a visit with B. W. Slater, secretary of the company; T. Lydon and J. Calo, who will represent the company at the show.

Pure Calcium Products Division

Booth 20

The various uses and applications of "Surfex" will be featured at the booth of the Pure Calcium Products division of the Diamond Alkali Company. Panels and other exhibits will show how "Surfex" should be used in flat wall paints, gloss paints, enamels and sealers. In addition to technical men who will be in attendance at the booth, those present will include representatives of the Pure Calcium Products division, from the R. T. Vanderbilt Company, and from the D. H. Litter Company.

Reichhold Chemicals, Inc.

Booth 1

A comfortable booth in which visitors will be able to view and discuss surface-coating synthetics will comprise the exhibit of Reichold Chemicals, Inc. Various company representatives will be in attendance at the show.

Resinous Products & Chemical Company

Booth 17

The Resinous Products & Chemical Company will display finishes based on newer resins applied to various materials, such as metals, metal-wood, and fiber. The finishes shown will be based on "Uformite," "Aquaplex," "Duraplex" and "Acryloid." In addition the coating resins "Amberol" and "Paraplex" will be exhibited. The company will have several sales and technical representatives at the booth.

Shell Union Oil Corporation

Booth 44

A display of the regular petroleum solvents, diluents, and by-products of interest to the paint industry, including naphthenic acids, petroleum resins and petroleum cresylic acid will be shown in the Shell booth. Also exhibited will be Shell's newly developed high solvency, non-toxic benzol substitute, high boiling aromatic solvents, and "custom made" mineral spirits which have a wide variation in solvent power depending on the customer's requirements. Among the representatives attending the show will be Fred Preu, manager of the technical service department, and H. V. LeBourveau, manager of the paint and plant department of New York; B. G. Symon, manager of the technical products department, and B. W. Conn, of St. Louis; and sales representatives C. W. Williamson, R. Minnick, and W. S. Thornhill.

Standard-Knapp Corporation

Booths 12 and 13

The Standard-Knapp Corporation will have on exhibition and in operation two of their latest model heavy duty fast adjustable labeling machines designed for applying full length overlap labels around cylindrical cans and pails. G. P. Schaefer, sales engineer of the corporation will be in charge of the exhibit. M. J. Flynn, of the service department, and several others will also represent the company at the booth.

Stroock & Wittenberg Corporation

Booths 27 and 28

Samples of their synthetic resins and a description of the manufacturing facilities and laboratories will be the feature of the Stroock & Wittenberg Corporation exhibit. The S. & W. range of natural resins and processed natural resins will also be suitably displayed. Literature on many of the materials displayed will be available at the booth from A. J. Wittenberg, president of the company; C. O. Myatt, and E. C. Phillips, who will be in attendance.

Wheeling Corrugating Company

Booths 30 and 31

The latest development in patented closures and pouring equipment as recently evolved by the Wheeling Corrugating Company will be the feature of the display of various types and sizes of steel containers used in the paint and other industries presented in this exhibit. A side-light of the display will be charactitures in the background carrying on a conversation between themselves for the visitors to the booth. The exhibit will be attended by R. L. Brammer, manager of sales; J. E. Boddy, Western district manager; F. E. Hawley, jr.; Eastern district manager; J. F. Thompson, A. W. Hurlbut and George McComb.

Wilson & Bennett Manufacturing Company

Booth 18

"Color for Eye Appeal" will be the theme of the exhibit of pails and drums set in the mechanical background of the Wilson & Bennett display. In addition various types and styles of paint, varnish and lacquer containers lithographed with the labels of many prominent paint manufacturers and a number of colorfully painted containers emphasizing the interior linings for packaging products requiring extra protection which are available in "Benetco" pails and drums will be on exhibition. Several company representatives will be in attendance at the exhibit.

Felton, Sibley Co. Marks Seventy-Fifth Year

Philadelphia, Oct. 11, 1938

Felton, Sibley & Co., Inc., marked its seventy-fifth anniversary coincident with the observance of the fiftieth business anniversary of its president, J. Sibley Felton, at a dinner October 10. Horace S. Felton, vice-president of the company, presided, and Walter G. Sibley, treasurer of the company, acted as toastmaster.

The business of Felton, Sibley & Co., Inc., was established August 1, 1863, at the northwest corner of Fourth and Cherry streets, Philadelphia, where it has remained. The original members of the firm were Samuel K. Felton and Conrad F. Rau, who formed a partnership under the style of Felton & Rau after their withdrawal from C. Schrack & Co., the oldest varnish house in America. A few months later, before the close of 1863, Edward A. Sibley joined the firm, and the style was then changed to Felton, Rau & Sibley. At the close of 1892 Mr. Rau withdrew from the firm by reason of age, and the style was again changed to Felton, Sibley & Co., at which time J. Sibley Felton and Walter G. Sibley were admitted to an interest in the business, having previously served as assistants to the senior members of the firm.

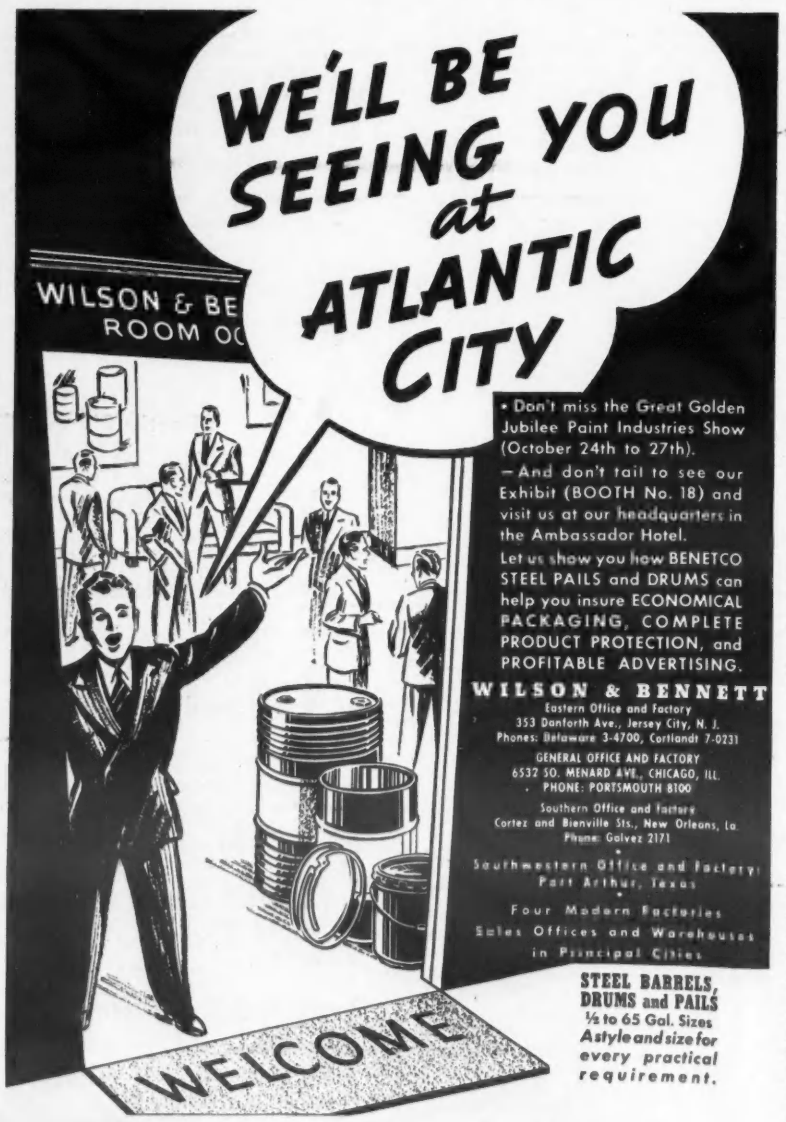
J. Sibley Felton

Following the decease of Edward A. Sibley, in 1919, the concern was incorporated in December of the same year, under the laws of Pennsylvania, with the following officers:—President, Samuel K. Felton; vice-president, J. Sibley Felton, and treasurer, Walter G. Sibley. The officers now serving the corporation are as follows:—President, J. Sibley Felton; vice-president, Horace S. Felton; associate vice-president, Walter B. Develin; treasurer, Walter G. Sibley; assistant treasurer, Walter G. Sibley, jr.; secretary, Theodore Kling, and assistant secretary, Frederick P. Klemp. The output of the company covers a complete line of paste colors, fillers, stains, varnishes, ready mixed paints, enamels, lacquers and specialties of various kinds.

J. Sibley Felton, son of Samuel K. Felton and Anna Margaret Sickler Felton, was born in Philadelphia, December 17, 1866, attending the public schools of Philadelphia and the Pennsylvania State Normal School at Millersville, where he graduated in 1884. He was a teacher in the Montgomery county schools for two terms, 1884-86, and then entered Pierce Business School, Philadelphia, from which he was graduated in the class of 1888. His first association in business was with Felton, Rau and Sibley, entering as an assistant to his father and to Edward A. Sibley in the office. He successively advanced from partner in the firm of Felton, Sibley & Co., to secretary, vice-president, president and director of the present corporation of Felton-Sibley & Company, Inc.

During the year 1925-1926 Mr. Felton was honored with the presidency of the Paint Manufacturers Association of the United States, having previously served as a member of its board of directors. He was president of the Phliadelphia Paint Club from 1921-1924, and served for a number of years as chairman of its executive committee. He was for seven years treasurer of this organization, having succeeded his father in the office in 1914. His father occupied this position from the date of the founding of the club in 1887 until his death in 1914.

Mr. Felton has been actively engaged in church circles, holding a number of important posts in his local church as well as in the church-at-large. He was for 1914-1930 president of the board of trustees of St. James Methodist Church, in the Olney section of Philadelphia. On January 30, 1896, Mr. Felton marrier Miss Alice C. Wheeler and have two daughters—Mrs. Jesse Ormondroyd, Ann Arbor, Michigan, and Mrs. Charles T. Baker, Philadelphia — and four grandchildren. Mr. Felton is a lover of fine music and for a number of years was organist at St. James Church, Olney.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Oils, Fats, and Waxes

Cottonseed Oil Consumption in September Down to 261,879 Barrels —Prices Decline—Seed Markets Remain Firm—Lard and Neatsfoot Oils Stronger—Hog Receipts Increasing

Business in miscellaneous oils, fats and greases continued along rather narrow lines, consumers still being interested as a rule merely in comparatively small quantities to fill current or nearby requirements. There were few changes in quotations, such as were noted being limited to commodities of minor importance. A development of interest was the publication of the monthly cottonseed report from the Census Bureau, the indicated consumption during September being below expectations.

Chinawood oil was quiet with interest centering mainly in the news from abroad concerning military operations in China. Offerings here were light with quotations higher. Copra was reported as easier but quotations on coconut oil were maintained at former levels. Crude corn and peanut oils were shaded.

Cash lard quotations were irregular in the local market, changes being moderate and a reflection of developments in futures in the West where speculation was fairly active. There was a fairly active export inquiry. Marketing of hogs showed an increase. Quotations on lard and neatsfoot oils were revised upward by refiners. Tallow and greases were steady.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Candelilla wax, ½c. per lb.
Chinawood oil, ¼c. per lb.
Lard oil, ⅛c. to ¼c. per lb.
Neatsfoot oil, ¼c. per lb.

Reduced

Carnauba wax, No. 3, chalky, 2c. per lb.
No. 3, North Country, 1½c. per lb.
No. 1, yellow, 2c. per lb.
No. 2, yellow, 2c. per lb.
refined, 1c. per lb.
Copra, ⅛c. per lb.
Corn oil, crude, ¼c. per lb.
Lard, 15c. to 25c. per 100 lbs.
Oleo oil, ¼c. per lb.
Peanut oil, ⅛c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.5	101.6	101.8	132.4

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—Reports from China concerning military activities had a tendency to create a stronger feeling in some local quarters but aside from this there was an absence of developments of interest in the domestic market situation during the week. There was little change in the attitude of consumers. Occasional inquiries were noted but actual transactions were apparently limited to unimportant quantities, many buyers still being disposed to hold off for further developments abroad as well as in domestic markets for other commodities. Prices were advanced slightly with the figures generally nominal.

Coconut.—A steady tone prevailed here, quotations on both crude and refined oil being held at the levels ruling at the close of the previous week. Aside from reports of a fair movement to consumers on contracts previously placed, there was little to record in the way of activity, buyers being inclined to hold off for fresh developments in the copra situation as well as in domestic markets for other vegetable oils.

SAN FRANCISCO, Oct. 11.—Crude coconut oil is steady, sellers quoting on the basis of 2⅞c. per pound in tankcars, f.o.b. mill, and/or dock, Pacific Coast ports, with actual sales reported on the basis of 2¾c. Copra buying was moderately frequent, but in the aggregate it was not large. Crushers appear to be fairly well booked just now. Sellers' attitudes are quite firm. Prices as quoted today are on the basis of 1.80c. to 1.825c. per pound, c.i.f. Pacific Coast ports.

Corn.—There were reports of some increase in buying interest, inquiries for crude oil being received more numerously, but with offerings of spot oil generally light there were apparently few transactions. The market was easier, quotations being shaded ¼c. The government report estimated the corn crop as of October 1 at 2,459,316,000 bushels against 2,644,995,000 bushels a year ago.

Cottonseed.—Edible oil selling schedules were maintained by refiners at the levels prevailing in the previous week. There were reports of a fair demand for moderate quantities. Imported semi-refined oil was generally nominal in the absence of any increase in offerings.

Oiticica.—The market remained quiet, consumers still being inclined to hold off in many cases for further developments in other oils. With offerings light, the market remained steady.

Olive. — Quotations underwent little change during the week, the market for foots and denatured oil retaining a steady tone. There was a fair inquiry, but as in recent preceding weeks consumers were disinclined to provide to any extent for future needs.

Peanut.—There were reports of a somewhat better inquiry. Offerings were generally light, with the prevailing tone in primary markets steady. The monthly government crop report put the indicated yield for nuts on October 1 at 1,348,500,000 pounds against 1,291,655,000 pounds last year.

Perilla.—Quotations were generally maintained at the levels ruling in the previous week, with the tone of the market steady. There were reports of a fair inquiry.

Soybean. — Quieter conditions prevailed but the tone of the market appeared to be steady. The government's October 1 forecast of production of soybeans for beans in the commercial area was 43,684,000 bushels, the largest crop on record for this area, comprising the states of Ohio, Indiana, Illinois, Iowa, Missouri and North Carolina. Production for these states in 1937 was 38,128,000 bushels.

Markets at Other Centers

San Francisco, Oct. 11.—Individual purchases of vegetable oils by various consumers have not been large, but business has been fairly well scattered, small hand-to-mouth purchases being present in a rather steady market generally.

BABASSU.—Sales were reported on the basis of 5¾c. per pound in tankcars, f.o.b. mills, Pacific Coast.

COTTONSEED.—Foreign suppliers are not offering, owing to the price differential in favor of the American product. Domestic, bleachable grade, quoted at 8c. per pound in tankcars.

PERILLA.—Crude oil is quoted on the basis of 9c. per pound in tankcars, for prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil is quoted on the basis of 6c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment out of the Orient.

TEASEED.—High acid content oil is quoted on the basis of 6c. per pound in tankcars, f.o.b. Pacific Coast ports.

Chicago, Oct. 14.—Slight additional easiness in certain grades of vegetable oils has been reported here. Trade is on a fair scale.

COCONUT.—Coast basis, October-forward, 2¾c. to 2⅞c. per pound. Refined, edible oil, 9c. to 9¼c. per pound, barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots.

CORN.—Crude, low acid, 6¾c. to 7c. per pound, partly nominal. Refined, edible oil, 9¾c. to 10c., barrels, car lots; 10c. to 10½c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 13c. to 13.1c. per pound, prompt; and 11.8c. to 11.9c., deferred.

PEANUT.—Crude, 7c. to 7¼c. per pound.

SOYBEAN.—Crude, mills, 4⅞c. to 5c. per pound.

The market for soybeans on the Chicago Board of Trade was more active last week, the inquiry for cash beans showing some increase and speculative interest also being somewhat larger, especially on weak spots. The course of prices was influenced mainly by developments in the markets for grain. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Oct. 14.	Closing Oct. 7.
December	$0.75	$0.71½	$0.71½	$0.74½

London, Oct. 4.—Soybean oil, crude, 23s. 3d. per cwt.; rapeseed, refined, 33s. 6d.; palm kernel, refined, English, 25s.; peanut, Bombay, 20s. 9d.; sardine, Japanese, 15s. 6d.; whale, crude, Rotterdam, 13s. 9d.

Linseed Oil

Domestic markets for flaxseed futures were quiet. Trade in cash seed was fairly active. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, Oct. 14.—The flax futures market continues to be a listless affair, with the trade showing little inclination to press the issue either way. Business remains good in the cash market, however, though receipts have dropped off from recent volume. Better crusher demand was evidenced early this week when the basis for spot seed was stepped up to 7c. to 10c. over the Minneapolis December price, and choice cars sold at $1.88 and $1.89. Dry weather in the Northwest has favored late harvest.

The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.87½	$1.74	$1.74
Monday	1.86	1.74	1.73
Tuesday	1.87¼	1.74	1.73
Wednesday	...	...	...
Thursday	1.87⅜	1.74	1.74
Friday	1.86½	1.74	1.73

Crop movement in bushels follows:—

	Receipts— 1938.	1937.	Shipments— 1938.	1937.
This week..	42,000	175,227	140,000	111,736
Since Aug. 1...	1,079,192	690,728	607,503	218,177

MINNEAPOLIS, Oct. 14.—Tone of the Minneapolis flaxseed market has been strong most of the week and when the government estimate of production was offered competition became stronger with the result that premiums advanced 1c. to 2c. In the past week about half of the movement of seed originated in Minnesota and half in North Dakota. A few scattering cars came in from Montana and South Dakota. Field damaged offering decreased.

Quality has been good on the average and competition for shipment to the head of the lakes has been sharp. So far the bulk of the shipments have been made to Chicago and Cleveland but some of the supply went to Buffalo. As yet no northwestern flax has been moved to coast mills.

Receipts during the week proved very moderate compared with a year ago and this cannot be blamed on the weather. Conditions have been very fine for threshing.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Now available in either cake or flake form
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ing and delivery and the movement of damaged flax has been light. Apparently the farmers are saving their supplies for seed stock or higher prices.

Shipping advices are light and the trade is hoping that they will improve in the near future. Crushers increased operations about 10 percent in the past week but most of the crushers are still dissatisfied with accumulations and are in no hurry to increase the number of presses in use.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.85½	$1.77½	$1.79
Monday	1.86	1.78	1.79½
Tuesday	1.87¾	1.77¾	1.79¼
Wednesday	...	...	...
Thursday	1.88¾	1.77¾	1.79
Friday	1.87½	1.76½	1.76½

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1938.	1937.	1938.	1937.
This week..	91,560	185,140	25,050	21,560
Since Sept. 1	2,225,980	2,279,010	116,450	135,862

WINNIPEG, Oct. 14.—The flaxseed market was quiet with moderate changes in quotations. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.33½	$1.33½	$1.30¼
*Monday	...	...	...
Tuesday	1.34¾	1.34¾	1.31½
Wednesday	...	...	...
Thursday	1.34½	1.34½	1.30
Friday	1.33½	1.33½	1.29¾

* Holiday.

BUENOS AIRES, Oct. 14.—Opening prices per bushel on November contracts were:—

	Last week.	Last year.
Saturday	$1.08¼	$1.36⅛
Monday	1.07⅝	1.36⅛
Tuesday	1.07	1.37⅛
Wednesday	1.07¼	1.37⅛
Thursday	1.06⅛	1.36½
Friday	1.07⅛	1.40½

Exports

To—	Last week.	Previous week.	Last year.
	Bushels		
United States	201,000	449,000	598,000
United Kingdom	.....	.....	4,000
Continent	591,000	189,000	193,000
Orders	150,000	457,000	94,000
Others	.....	8,000	.....
Totals	942,000	1,103,000	889,000

Since January 1

To—	This year.	Last year.
	Bushels	
United States	19,865,000	21,857,000
United Kingdom	1,122,000	508,000
Continent	19,878,000	18,169,000
Orders	8,094,000	14,978,000
Others	1,678,000	4,884,000
Totals	40,637,000	60,396,000

Visible Supply

	Bushels.
Last week	2,750,000
Previous week	3,150,000
Last year	3,150,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Last week.	Previous week.	Last year.
	Bushels		
United Kingdom	204,000	244,000	24,000
Continent	.....	.....	.....
Others	40,000	16,000	.....
Totals	244,000	260,000	24,000

Since April 1—	This year.	Last year.
	Bushels	
United Kingdom	7,140,000	5,356,000
Continent	520,000	244,000
Others	208,000	820,000
Totals	7,868,000	6,420,000

HULL, Oct. 14.—Quotations on flaxseed were:—

	La Plata.	Bombay.
	Per ton	
Saturday	£11	£12¼
Monday	10⅞	12½
Tuesday	10⅞	12⅝
Wednesday	10⅞	12⅝
Thursday	11	12⅝
Friday	11	12⅝

Linseed Oil.—The local situation lacked new features of interest. Advices from some outside points reported a somewhat better inquiry, but purchasing here was limited to unimportant quantities. There was a fair movement from local mills on contracts previously placed, the withdrawals apparently being up to those noted in recent preceding periods. Selling schedules were generally held at former levels, but it was intimated that list prices could be shaded by three or four points.

Cash demand was reported as fairly active in Northwestern markets, with offerings well absorbed. Receipts at terminal points were lighter, and a further shrinkage in the movement seemed to be indicated. Weather conditions were generally favorable for harvesting, and there were few complaints of damaged seed. Crop news from Argentina was favorable.

The monthly government report on the crop in this country put the indicated yield as of October 1 at 7,936,000 bushels, against 7,992,000 bushels a month earlier and 6,777,000 bushels last year.

Receipts of flaxseed at New York last week were 632,822 bushels.

MINNEAPOLIS, Oct. 14.—Demand for linseed oil in the past week has been moderate and featureless. Small lot buyers have been the most active and have taken a fair quantity. Large consumers have been depending on their previous contracts and have not added importantly to their open interest in supplies. A few of the buyers have been taking cooperage car lots for nearby shipment and still fewer buyers are writing orders for tankcar lots. There has been a scattering demand for shipment beyond the turn of the year. No round lot business reported.

Instructions on old and maturing contracts are good and there has been very little accumulation. Most of the current make of oil is being taken by the trade. Operations represent about 60 percent of capacity, the gain being due to the opening of a mill that has been down for months past.

Quotations on carload lots, f.o.b. Minneapolis, tankcar lots, 8.5c. per pound; cooperage car lots, 9.1c. per pound; warehouse lots, 9.5c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	2,284,596	1,137,280
Since Sept. 1	12,141,088	11,674,059

SAN FRANCISCO, Oct. 11.—Linseed oil has run into a stalemate but deliveries still look fairly good. Quoted: Tankcars, 8.4c. per pound; drum car lots, ex mill, 9c.; drum lots, ex warehouse, 9.4c.

CHICAGO, Oct. 14.—Orders against linseed oil contracts have been reported reaching moderate proportions. Most new orders are for limited quantities, for prompt shipment. Ruling prices are:—Tankcar, 9.5c. per pound; car lots, 9.1c.; less than car lots, $39 to $40.

LONDON, Oct. 14.—Quotations on linseed oil were:—

	s.	d.
	Per cwt.	
Saturday	21	10½
Monday	22	0
Tuesday	22	0
Wednesday	22	0
Thursday	22	3
Friday	22	3

Cake and Meal.—A steady tone continued to prevail in the market here, quotations on cake and meal generally being held at the levels ruling at the close of the previous week. Business was quiet, buying interest being limited to comparatively small or moderate quantities.

MINNEAPOLIS, Oct. 14.—Demand for meal is not aggressive but there is a ready outlet for most of the current make. Crushers are well sold out for the balance of the year and are not anxious sellers. Quotations on carload lots, Minneapolis, 100 pound sacks, $37.50 to $38 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	2,396,760	4,929,564
Since Sept. 1	18,605,975	32,621,250

CHICAGO, Oct. 14.—The linseed meal market is reported to be fairly stable. Round lot business is limited. Ruling prices are:—Round lots, $37 per ton, largely nominal; car lots, $37 to $38; less than car lots, $39 to $40.

Cottonseed Oil

Refined cottonseed oil futures in the local market were irregular, the trend of prices being upward early in the week and downward later on. Southern markets generally steady.

Cottonseed Oil.—Trading in refined oil futures in the local market was fairly active last week though there was not much snap to the dealings, few operators apparently being disposed to take the aggressive on either side of the account. Prices were irregular, the trend being upward early in the week and downward later on. Commission houses were on both sides of the market and trade interests were also credited with moderate operations, buying early in the week and selling later on. There was more or less selling supposedly on hedges. Deliveries on October contracts were larger than some had expected, 41 tenders being reported. There was considerable switching at times from October and January to March and May. Seed continued to be reported as firm in all parts of the South with offerings light, and changes in crude oil prices were narrow.

A developments of interest was the publication of the monthly cottonseed report from the Census Bureau. This was received on Thursday and was regarded as bearish, the indicated consumption of refined oil during September being 261,879 barrels which was below the expectations of many in the trade. In the previous month the consumption was 330,358 barrels while in October last year it was 408,257 barrels. Consumption during the first two months of the current season was 592,237 barrels against 723,379 barrels in the same time last season. The visible supply showed an increase during the past month of 618,500 barrels against an increase in the same time last season of 595,100 barrels. The total visible at the close of September was 2,014,900 barrels against 1,740,500 barrels a year ago.

Receipts of seed at the mills from August 1 to September 30 were 1,535,359 tons against 1,928,545 tons in the same time last season; crushed 799,189 tons against 979,107 tons. Production of crude oil during the first two months of the season was 246,234,617 pounds against 284,265,534 pounds in the corresponding period last season; refined oil, 146,348,551 pounds against 160,311,426 pounds. Stocks of seed at the mills at the close of September were 1,068,788 tons against 991,832 tons last season; crude oil, 111,707,846 pounds against 108,122,429 pounds; refined oil, 397,381,707 pounds against 312,012,181 pounds. The monthly government cotton report put the indicated crop as of October 1 at 12,212,000 bales, the figures being larger than expected and comparing with 11,825,000 bales a month earlier. The quantity of cotton ginned to October 1 was 6,578,313 bales against 8,260,071 bales in the same time last season.

Marketing of hogs showed an increase, receipts in the principal western centers for four days of the week being 235,400 head against 175,100 head in the same time last season. The weight of the hogs received in Chicago during the week ended October 8 averaged 238 pounds against 250 pounds in the previous week. The export movement of lard made a rather good showing during the week. Exports from Atlantic and Gulf ports during the period from November 1 last to October 8 this year aggregated 145,831,783 pounds, an increase of 46,785,679 pounds as compared with the same time last season.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from October 8 to October 14, inclusive, comprised 1,227 contracts, a total of 73,620,000 pounds. Following is a price record for the week:—

	High.	Low.	Close.
	Cents per pound in tanks		
January	8.07	7.61	7.66 sale
March	8.15	7.70	7.75 sale
May	8.19	7.76	7.78 sale
October	7.94	7.52	7.57 sale
December	8.02	7.60	7.63 sale

Crude, Southeast, 5.37½@5.50c. Nom.

Chicago, Oct. 14.—The cottonseed oil market is holding firm and even has made some slight headway in market position in the last few days. Demand is reported fair. Good, off-Summer yellow fig oil is 8⅜c. per pound. Refined, edible oil is 9¼c. to 9½c. per pound, barrels, car lots; and 9¾c. to 10c., barrels, less than car lots.

Hull, Oct. 14.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	21	6	18	6
Monday	21	6	18	6
Tuesday	21	6	18	6
Wednesday	21	6	18	6
Thursday	21	6	18	6
Friday	21	6	18	6

Cake and Meal.—A steady tone continued to prevail in Southern markets for spot material. There were reports of a fair movement. According to official statistics, production of cake and meal during the first two months of the current season was 356,274 tons, against 425,434 tons in the same time last season. Stocks at the mills at the close of September were 259,659 tons, against 103,903 tons last year.

Markets at Other Centers

Atlanta, Oct. 12.—Favorable weather has continued for harvesting and ginning of the cotton crop. The proportion of the crop harvested and ginned is much greater than for a similar period of last year. Cotton farmers are expecting to ballot again next month on the AAA crop allotment continuation for another year.

Meal and oil have shown no material change in prices during the week. Prime crude oil is being offered at 6½c. to 6¾c. per pound. Meal is quoted at $22 to $23 per ton, mill points.

MEMPHIS, Oct. 14.—Crude oil sold at 6½c. per pound, Valley basis, but mills are reluctant sellers at this figure. Several large buyers reduced bids today to 6¾c., but there were other bids of 6½c. for November-December delivery. Meal quiet at $21 per ton for 41 percent, Memphis and Valley points; cake, $19 per ton. Hulls, $3.50 to $4 per ton. Sales of seed at $27 per ton with many large gins and planters holding for $30. Weather clear and picking continues rapid. Consumption report disappointing.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	October 6.	October 13.
October	$20.70@—	$19.90@20.25
December	21.50@—	20.85@21.15
January	21.80@—	21.15@21.50
March	22.50@—	22.00@22.25
May	23.00@—	22.50@—

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• OILS •
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Fatty Acids

Capric Acid.—A steady tone was noted but aside from this the situation lacked features of interest, the market being quiet with consumers disposed to hold off in the absence of any broadening of trade in their product.

Caproic Acid.—Production on a commercial scale having been commenced by a large chemical manufacturing concern with offices in this city, supplies are now available at 35c. per pound in drums for less than car lots. This acid is a colorless liquid, is soluble in alcohol and many other organic compounds, and the low price at which it is now offered is expected to stimulate consumption in the manufacture of chemical bases for use in various industries.

Castor Oil.—The market for this fatty acid remained in a steady position. There were reports of a fair inquiry, the movement of moderate quantities into consuming channels in the manufacture of cosmetics and synthetic resins apparently being up to that of recent preceding weeks.

Coconut Oil.—There was no further change in the position of basic material and the market for coconut oil fatty acid retained a steady tone. Makers of soaps and shaving creams as well as other consumers were disinclined to purchase ahead but there was a fair movement of moderate lots.

Myristic Acid.—No increase in buying interest was noted but the movement into consuming channels recently has apparently been sufficient to absorb the output. The market was steady.

Stearic Acid.—Basic material remained in a steady position and the views of makers of stearic acid as to values generally remained as in the previous week. Business continued along conservative lines.

Tall Oil.—This fatty acid remained steady, selling schedules being held by producers at the levels prevailing for some time past. There was a fairly active inquiry although consumers were apparently disinclined to depart from a conservative course in making purchases.

Markets at Other Centers

Chicago, Oct. 14.—The fatty acids market is quiet, and just about holding its own in price.

FATTY ACIDS.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidlated, 8¼c. to 8½c., tankcar, mostly nominal; 8¾c. to 9c. barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c., tankcar, 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2¾c. to 3c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1¼c. to 1½c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—A steady tone continued to prevail in the local market for refined oil, selling schedules being maintained at the levels ruling in the previous week. There was little change in the character of business, buyers being inclined to adhere to a conservative course with the movement of small or moderate quantities fair in the aggregate. Crude oil was quiet with offerings still reported as light.

Sardine.—Quotations on refined oil were stationary and the tone of the market appeared to be steady. A fair inquiry was reported in some quarters, although consumers were not disposed to provide, to any important extent, for future requirements. Crude was quiet on the Coast.

Whale.—Refined oil quotations were stationary and the tone of the market appeared to be steady. There was a fair demand for moderate lots for prompt shipment.

Markets at Other Centers

San Francisco, Oct. 11.—Consistency remained the keynote of the California sardine oil market again last week, when further quantities were reported to have been sold on contract on the basis of a price which now has a familiar ring—28c. per gallon in tankcars, while meantime, producers continued to frown on either firm bids or proposals which ran all the way from 26c. to 27½c. per gallon. There could undoubtedly be a wholesale unloading of oil on a 26c. or 27c. basis, if producers were willing to go this low to get business, but the fact remains that sellers simply aren't interested.

Probably at least 1,000 and possibly more, tankcars out of the current season's production of California oil have been contracted for, taking the floating reduction factories into consideration. The three of these now working off the Coast are understood to be committed to certain buyers who expected delivery of Oregon or Washington oil, but because of a poor season in the Northwest, will get California oil to fill out their contracts, which were apparently renewed when the boats left Northern waters. Reports reaching here during the week indicated that three more floaters would shortly join the three operating in Northern California coastal waters. These are at present in the Northwest. A full moon has prevented fishing.

Baltimore, Oct. 12.—The menhaden fishing season continues so poor that some of the fishing companies are inclined to lay up vessels weeks before the ordinary period of suspension because the boats cannot be operated at a profit. From Lewes, Del., comes information that several of the steamers there contemplate cutting out and results elsewhere have been hardly more satisfactory. The sale of one tank of oil has been reported at 28c. per gallon at Morehead, N. C., and it is thought that some other small quantities may be obtainable at the same price, but the larger number of operators is expecting better returns in view of the small production, and the buying halts. The season as a whole, according to the fishing companies, has been one of the poorest on record.

Fats and Greases

Grease. — Spot quotations were generally stationary during the week the tone of the market being steady. There was a fair demand to fill the current requirements of local and other consumers.

Lard.—Domestic trade in cash lard continued along conservative lines. There was a fairly active export inquiry. Prices were irregular in company with the course of futures, changes generally being moderate. Marketing of hogs showed an increase.

Stearin.—The market retained a steady tone. There was a fair inquiry for moderate lots.

Tallow.—There were reports of a somewhat better inquiry for spot tallow, but aside from this the situation lacked noteworthy features. Purchasing was generally limited to moderate quantities to fill current needs, large consumers being disposed to hold off for further developments. The market was steady.

Trading in tallow futures on the New York Produce Exchange from October 8 to October 14, inclusive, comprised 6 contracts, a total of 360,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	5.50	5.50	5.25@5.50
March	5.60	5.60	5.50@5.65
December	5.40	5.40	5.25@5.45

Markets at Other Centers

Chicago, Oct. 14.—Slight reductions have been made in the ruling price levels of some of the products related to the cash lard market. Trade fairly active.

The range of lard quotations from the opening Saturday, October 8, to the close Friday, October 14, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close.	Previous Friday.
Cash	$7.72	$7.72	$7.37	$7.37	$7.70
December	7.65	7.67	7.45	7.42	7.60
March	8.10	8.12	7.85	7.85	8.10

TALLOWS (tierces).—Edible, 6c. to 6¼c. per pound; prime, 5⅜c. to 5½c.; fancy, 5⅜c. to 5½c.; special, 5c. to 5¼c.; No. 1, 4⅞c. to 5c.

GREASES (tierces).—Choice white, 5¼c. to 5½c. per pound; A white, 5c. to 5¼c.; B white, 4⅞c. to 5c.; yellow, 10-16, 4½c. to 4¾c.; yellow, 16-20, 4¼c. to 4½c.; brown, 4¼c. to 4⅜c.

STEARINS (barrels).—Prime oleo, 7c. to 7¼c. per pound; lard, packages, 8½c. to 8¾c.; A white grease, 5½c. to 5⅝c.; yellow grease, 5c. to 5⅛c.; extra oleo stocks, 8¾c. to 9¼c.; No. 2 stocks, 8½c. to 8¾c.

Liverpool, Oct. 14.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	Oct.	Jan.	May.
	s. d.	s. d.	s. d.	s. d.
Saturday	47 6	43 0	42 9	43 6
Monday	47 6	43 0	42 9	43 6
Tuesday	47 6	43 0	42 9	43 6
Wednesday	47 6	43 0	42 9	43 6
Thursday	47 6	43 0	....	43 0
Friday	47 6	42 6	42 9	43 0

Liverpool, Oct. 14.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	21 9	18 6
Monday	21 9	18 6
Tuesday	21 9	18 6
Wednesday	21 9	18 6
Thursday	21 9	18 6
Friday	21 9	18 6

Animal Oils

Lard.—Quotations on most grades were advanced ¼c. per pound and the market appeared to be steady at the upward revision. Business was along conservative lines, the call for small or moderate quantities of the various grades being fair.

Neatsfoot.—Prices were unchanged to ¼c. per pound higher. There was little change in the character of business, local and other consumers still being disinclined to purchase in advance of current needs.

Oleo.—The market had an easier tone, quotations being shaded ¼c. per pound. There was a fair inquiry for moderate lots from local and other consumers.

Markets at Other Centers

Chicago, Oct. 14.—A firmer tone is reported in some of the leading grades of animal oils.

LARD.—No. 1, 8¼c. to 8¾c. per pound.

OLEO.—No. 2, 8¾c. to 9c. per pound.

TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks; and 8½c. to 8¾c., barrels.

Waxes

Bayberry.—Seasonal improvement in movement to manufacturing consumers was reported and as the result of the better demand, prices became firmer than they had been. They lacked quotable change, however.

Bees. — Offerings of Brazilian and Chilian crude wax were few and the market in that respect was held to a comparatively firm price position. African wax was not too steady but open quotations held. Refined yellow and bleached waxes were about steady in price, receiving very good support from manufacturing consumers.

Candelilla. — Spot quotations were fractionally higher at 15¼c. to 15½c. per pound in ton quantities and smaller lots were noted ½c. higher than that. The gradual strengthening of spot prices was traceable to the fact that the shipment prices from Mexico were under firm control.

Carnauba.—A substantial reduction was made in spot quotations. No. 3 chalky in ton lots was minimum at 31c. per pound; No. 3 North Country, 31½c.; No. 1 yellow, 40c.; No. 2 yellow, 39c.; refined 36½c. All of these were minimum prices on ton lots and so far as the market in general was concerned, not all sellers were openly quoting at the above levels. Some prices were 1½c. above the minimum figures. Information locally varied considerably as to spot demand. Most factors said it was fair to good, being well sustained. A few said that the market was rather quiet so far as their experiences were concerned. Also, it was reported that more favorable exchange prevailed on the primary market, thus reducing the import cost of wax. As yet, no substantial reduction in prices quoted from Brazil has been made. However, since new crop should soon come on the market there, there may be an easing of values in the not far distant future.

Japan.—Spot quotations held at 10¼c. to 10½c. per pound and they appeared to be steady to firm thereat. Stocks were moderate here. They were firmly maintained in price in the primary market.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Flaxseed Crop Estimate Off Oct. 1

The Department of Agriculture estimate as of October 1 of the 1938 flaxseed crop was 7,936,000 bushels. This compared with an estimate a month earlier of 7,992,000 bushels, and with a production last season of 6,974,000 bushels. The reduction in the crop estimate during the past month was due to somewhat heavier grasshopper damage than was anticipated. Loss from frost damage this season has been negligible, and the crop as a whole will be of good quality.

Details of the October 1 estimate with respect to the several states follow:—

	Bushels					
	Yield per acre			Production		
	Average 1927-36.	1937.	Indicated 1938.	Average 1927-36.	1937.	Indicated 1938.
Michigan	9.3	8.0	9.0	59,000	64,000	81,000
Wisconsin	10.9	10.5	10.5	72,000	42,000	63,000
Minnesota	8.0	9.0	10.0	5,572,000	4,077,000	4,480,000
Iowa	8.6	11.5	12.0	162,000	92,000	120,000
Missouri	4.5	4.0	5.0	14,000	20,000	15,000
North Dakota	4.8	5.0	4.5	4,896,000	1,430,000	1,503,000
South Dakota	4.5	4.3	8.0	1,720,000	228,000	440,000
Kansas	5.8	5.8	7.2	240,000	331,000	446,000
Montana	4.7	3.0	5.0	796,000	30,000	180,000
California	..	16.5	19.0	.....	660,000	608,000
United States	6.0	7.5	8.0	13,751,000	6,974,000	7,936,000

Margarin Manufacturing Operations Up in August

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in August, 1938, compared with August, 1937, as follows:—

	Pounds	
	Aug., 1938.	Aug., 1937.
Total production of uncolored oleomargarin	*28,393,710	†28,564,245
Total withdrawn tax-paid	28,343,269	28,337,163

Ingredients used in the production of colored and uncolored margarin in August, 1938, compare with August, 1937, as follows:—

In Uncolored Margarin

	Pounds	
	Aug., 1938.	Aug., 1937.
Babassu oil	1,201,618	523,367
Coconut oil	7,238,795	7,693,122
Corn oil	.....	236,103
Cottonseed oil	9,065,906	10,014,038
Derivative of glycerin	55,886	86,535
Lecithin	6,978	2,115
Milk	5,455,258	5,226,462
Neutral lard	98,883	99,257
Oleo oil	987,185	738,890
Oleo stearin	239,858	292,416
Oleo stock	155,819	85,091
Palm oil	.....	13,032
Palm kernel oil	202,055	967,529
Peanut oil	281,713	137,174
Salt	2,001,427	1,215,975
Soda benzoate	10,768	11,235
Soybean oil	3,635,081	2,722,434
Vitamin concentrate	1,050	.....
Totals	30,638,280	30,064,775
Total production of colored oleomargarin	124,227	‡113,108
Total withdrawn ta-paid	27,910	38,254

In Colored Margarin

Coconut oil	43,061	20,578
Color	114	113
Corn oil	.....	34
Cottonseed oil	19,982	12,688
Derivative of glycerin	269	244
Lecithin	3	.....
Milk	27,836	27,131
Neutral lard	4,273	2,627
Oleo oil	19,911	14,659
Oleo stearin	900	2
Oleo stock	580	912
Palm kernel oil	290	18,608
Peanut oil	130	17
Salt	7,396	8,797
Soda benzoate	26	60
Soybean oil	15,055	20,029
Vitamin concentrate	1	.....
Totals	139,827	126,499

* Of the amount produced, 32,287 pounds were reworked.

† Of the amount produced, 32,298 pounds were reworked.

‡ Of the amount produced, 896 pounds were reworked.

Toronto Production Club Discusses Pigment Settling

The Toronto Paint and Varnish Production Club September meeting was addressed by Dr. H. L. Sandford, chairman of the technical committee, who gave a short review of the paper "Pigment Settling and Its Measurements," which will be presented at the annual convention in Atlantic City. The October meeting will be termed "Printing Ink Night." The regular meeting November 24 will view Dr. Krumbhaar's film on paint failures.

Coconut Oil Processing Tax Applied to Second Operation

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States has refused to review a decision of the United States Circuit Court of Appeals for the Second Circuit holding that the tax imposed on first domestic processing of coconut oil under section 602½ of the 1934 revenue act applies to first domestic processing after the effective date of the statute, although the same oil may have been processed in this country prior to that date.

The Loose-Wiles Biscuit Company had filed suit to recover taxes collected under the section on oil used by the company which had been processed by the seller prior to the taxpayer's purchase and prior to the enactment of section 602½.

Pepsi-Cola Management Plan Is Ordered by Chancellor

A plan of management for the Pepsi-Cola Company, Long Island City, calling for the appointment of three directors, a president, controller and independent auditors by Loft and three directors by the Guth interests was ordered by Chancellor Josias O. Wolcott in Wilmington October 6. This management will serve during any appeal taken by Charles G. Guth from the recent decision giving 91 percent of the company's stock to Loft, Inc.

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Drugs, Fine Chemicals

All Strychnine Prices Advanced—Podophyllin Reduced—Cocoa Butter Shaded—More Stability and Firmness in Alcohol Schedule—Quicksilver Call Fair—Butyl Ether Off

Price features in the market for drugs and fine chemicals last week were an advance in all strychnine quotations, and reductions in prices on butyl ether, cocoa butter, and podophyllin. The alcohol market appeared to have gained stability and firmness at the higher quotations established by the general advance reported in the previous week. Quicksilver held steady under a fair call. Bismuths and iodides lacked new developments, and the mercurial group seemed steady notwithstanding the recent readjustment of conditions in the raw material market.

Concerning quicksilver, attempts to buy metal in bond on spot at the quoted price of $57 per flask revealed that that price was available only when metal was to be used in this country, in which case it was subject to normal customs duties. A very nice export trade could be booked if sellers in bond would take the business at $57.

The general strengthening of strychnine prices came as a development needed for some time past if the group was to yield a warranted return to the producers. Incidentally, the advance in quotations on alkaloid and sulphate was the second to be made within two weeks.

Podophyllin had a somewhat lower manufacturing cost based on the prices at which new crop raw material had been obtained. Hence, the movement in buyers favor last week. Cocoa butter, though a fraction lower, was still in basically firm position.

Menthol was well maintained and demand was fairly active. The future of alcohol seemed to be in the direction of further price improvement and conditions have already shown considerable basic strengthening. Prices, however, were still considered to be too low if a warranted return to the distillers was considered. The producing trade last week was of the opinion that in view of the present tendency of the market, buyers for consumption would be wise to broaden their coverage of future requirements.

Acid, Acetylsalicylic.—Interest of consumers and distributors was said to be very good in the main, contributing to the support of firm prices and to the elimination of most competition likely to affect the price position of the item.

Acid, Tartaric. — Trade was within moderate limits. Most sellers reported a volume of sales not in excess of recent experience and record. Prices remained very steady in local circles.

Agar. — According to statistics from Japanese sources, production in 1936, reckoned on the output of plants employing more than five persons each, totaled 1,938,924 kilograms of this material, valued at 5,909,735 yen. This compared with 1,747,831 kilos, valued at 4,623,556 yen in the previous year.

Alcohol.—The past week was without new price developments in the market for this article as sold for industrial and other purposes. The market appeared to be definitely firm on the basis of the advance in quotations reported during the previous period. Furthermore, there was some reason to expect that following a period of stability, still further advances might be made in the schedules. Market sentiment seemed to indicate that manufacturing consumers can feel reasonably certain that the period of price declines has ended; that conditions suggest the possibility of further advances; and that the time when conditions were solely in favor of buyers is over. Sales of antifreeze alcohol made very good progress. Increased activity among some industrial consumers accounted for a moderate broadening of demand from such users.

Aloe. — All indications favored a strong market to prevail for some time to come. Consumption was said to be running well up to the normal for the item and that fact was added strength in an already strong market.

Aloin.—Producers were firm in their views on prices. While demand was improved, the gain was moderate and the backbone of affairs was the very steady inflow of requirements from consumers of moderate sized quantities of the item.

Butyl Ether. — Quotations were reduced 25c. per pound in drums, less than car lot quantities, and to 29c. per pound in five gallon cans, and 31c. in one gallon cans. The new price was f.o.b. destination on drums but no freight allowance was made on cans. Prices quoted included containers, which were not returnable.

Cadmium Metal and Salts.—The position of metal was still fairly easy and conditions favored buyers. However, no open change was made. Salts were generally steady and most often have not been affected by the prevailing lower cost of metal.

Camphor.—Trade was seasonally active and the undertone of the market was somewhat firmer than it had been. Also, the call from users in the industrial field was very fair and contributed to the maintenance of quotations.

Castor Oil. — Industrial consumers were takers in fair sized quantities and the market generally had a firm to steady undertone last week. Price schedules were well held and signs of early changes were lacking. Production was well up to all current requirements.

CHICAGO, Oct. 13.—Castor oil business has been moderately good recently. Inquiry has been reaching sources of supply fairly well. Reports in the main seem to indicate a fairly firm undertone to current prices. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; less than car lots, 10⅝c.; tanks, 9⅞c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; drums, less than car lots, 10½c.; tanks, 8⅞c.

Cocoa Butter.—The car lot price was off to the basis of 12c. per pound, being a fractional revision in favor of consumers. However, in the main the market was considered to be basically steady and continued decline of values was believed to be unlikely.

Codliver Oil. — Prices were about steady on the spot but new business was not very active because many of the larger buyers seemed to have ample stocks in store at this time. Importations during August this year, arranged by countries of origin, were as follows:

	Gallons.
Denmark	5,950
Iceland	121,429
Norway	178,924
United Kingdom	64,584
Canada	7,915
Newfoundland and Labrador	15,830
Japan	44,990
Total	439,622

Creosote. — More inquiry was noted and some gains in the movement of carbonate were reported. Prices were generally firm and the market was free from more than ordinary competition.

Ether. — Beyond a 5c. reduction in quotations on butyl ether, making the market 25c. per pound in drums, no change in the quotations on this group of materials was reported last week. For the most part, each and every one appeared to be on the firm side in a

Price Changes

Prices were changed during the past week as follows:—

Advanced

Strychnine, alkaloid, cryst., 10c. per oz.
powder, 10c. per oz.
acetate, 9c. per oz.
arsenate, 8c. per oz.
arsenite, 9c. per oz.
glycerophosphate, 8c. per oz.
hydrochloride, 9c. per oz.
hypophosphite, 9c. per oz.
nitrate, 10c. per oz.
phosphate, 8c. per oz.
sulphate, crystals, 7c. per oz.
powder, 7c. per oz.

Reduced

Butyl ether, 5c. per lb.
Cocoa butter, ¼c. per lb.
Podophyllin, 25c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
183.0	**182.8**	**182.8**	**182.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

MARTENS BRAND
OLEUM JECORIS ASELLI
THE CREAM OF MEDICINAL
Cod Liver Oil
★
A/S JOHAN C. MARTENS & CO.
BERGEN, NORWAY
Established 1838
PRODUCERS, REFINERS, WORLD MARKETERS
★
REPRESENTATIVES
H. H. ROSENTHAL CO., INC.
25 EAST 26TH STREET, NEW YORK CITY

FINE HEYDEN CHEMICALS
FORMALDEHYDE
U. S. P.
A clear water white solution of uniform quality
PARAFORMALDEHYDE
METHENAMINE
BENZYL CHLORIDE
BENZALDEHYDE
BENZOATES
SALICYLATES
BROMIDES
HEYDEN
CHEMICAL CORPORATION
NEW YORK—50 Union Square
Chicago Branch—180 N. Wacker Drive
FACTORIES: Garfield N. J., Fords, N J.

market noted for steady undertones.

Formaldehyde.—There have been reports to the effect that the prices quoted as the market for many months were being shaded. A check among the leading manufacturers, however, has failed entirely to get any confirmation.

Glycerin.—Stability appeared best to describe the general situation in this product. Values held well in all quarters. Stocks of most varieties appeared well up to the current requirements of buyers and there seemed to be nothing likely in the immediate future to disturb this picture of the market. Leading factors look for steady prices to prevail over the balance of this year.

CHICAGO, Oct. 13.—Business in c.p. glycerin and also other grades is reported rather good at this time. Sellers report a steady flow of orders. The tone is quite firm. Ruling prices are:—C.p., car lots, 14¼c. per pound; drums, less than car lots, 14¾c.; cans, 16¼c. to 18¼c., according to quantity; high gravity, drums, car lots, 13¾c.

Iodine and Iodides.—The position of iodine appeared to be stable and lacking the presence of factors likely to disturb that condition. Iodides were not sufficiently productive of profits, according to some market comment but they lacked change in price last week, remaining steady under routine call.

Magnesia.—A reasonable degree of stability appeared to prevail in this general group of materials. Calcined material held at the flat price of 26c. per pound with a fair trade prevailing. Carbonate seemed to be fairly stable and a volume comparing well with the recent experience of sellers was noted.

Magnesium Trisilicate.—Sellers were said to be expanding tne consuming outlets for this article slowly but steadily and a firm price prevailed in company with marked stability of values.

Mercurials.—Prices were steady and in view of the fact that there was some reason to expect that a firmer position would prevail on raw material, maintenance of current quotations on products derived from mercury was a reasonable prospect.

Podophyllin.—Effective today, prices prevail at $4.50 per pound, a reduction of 25c. per pound.

Quicksilver.—The market has become fairly stable following the recent unsettled situation that culminated in an advance in prices on domestic metal, followed by a decline in that quoted, presumably, on foreign material. Today, foreign and domestic metals are virtually on a parity one with the other. Fair demand has tended to firm-up the market and to hold in at $76 per flask. Concerning the price of foreign metal, when inquiries for export account developed last week, it proved to be impossible to buy at $57 per flask in bond. Subsequently, it was clear that the price of $57 per pound in bond prevailed only on metal for consumption in this country. To the in-bond price domestic consumers would have to add $19.50 per flask to cover all duties, making a net price of $76.50 on that basis. However, agents for the foreign suppliers quoted domestic consumers at $76 per flask, duty paid, ex-warehouse, New York.

SAN FRANCISCO, October 11.—Quicksilver appeared to be only nominal last week insofar as the demand from New York was concerned. Inquiry remained apparently very light, consumers in most cases being well booked ahead, but there was a fair local demand ruling here. Prices as quoted by sellers, New York basis, range from $76 to $78 per flask, depending upon quantity and seller.

Quinine.—With Winter not far away, renewal of shelve stocks has contributed to the very good movement of quinine in all its forms, particularly as concerned quinine sulphate. The undertone of the market was steady to firm. Outlook for Winter trade was bright.

Strychnine. — All prices have been advanced. The rise in quotations on alkaloid and sulphate was the second within a short period of time. The changes announced during the past week included all salts and established the following quotations:—Alkaloid, crystals, 50c. per ounce; powder, 40c.; acetate, 66c.; arsenate, 68c.; arsenite, 66c.; glycerophosphate, 67c.; hydrochloride, 66c.; hypophosphite, 77c.; nitrate, 60c.; phosphate, 67c.; sulphate, crystals 42c.; powder, 32c.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	19⅞
Monday	31½	42¾	19⅝
Tuesday	31½	42¾	19⅝
Wednesday	*	*	19⅝
Thursday	31½	42¾	19⅜
Friday	31½	42¾	19⅛

* Holiday.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Largest Producers and Refiners of
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WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N.Y.
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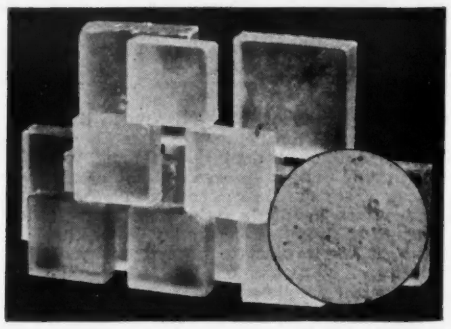

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What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Two-hundred-forty-ninth Instalment

Mastic Gum

Emulsifiers for Mastic Gum

(Continued from October 10 issue)

Sulphonated vegetable oils
Sulphonated mineral oils
Suspendite
Tannic acid
Tannins
Thiosulphonic acids and their salts
Tragacanth
Triamylamines
Triethanolamine
Trihydroxyethylamine
Trihydroxyethylamine linoleate
Trihydroxyethylamine stearate
Turkelene
Turkey red oil
U-aminoethylcyclohexyl-ethylamine
U-amino-N-ethylpiperidin
Zinc salt of sterylparatoulenesulphonimide

Solvents for Mastic Gum

Acetone
Alcohol
Amyl acetate
Amyl alcohol
Amyl formate
Amyl lactate
Benzene (hot)
Benzene propionate
Benzyl acetate
Benzyl alcohol
Butyl acetate
Butyl alcohol
Butyl butyrate
Butyl formate
Butyl propionate
Butylcellosolve
Carbon tetrachloride
Chlorhydrin
Chloroform
Cyclohexanol
Decahydronaphthalene
Diacetone alcohol
Dichloreethyl ether
Diethyl carbonate
Diethylene oxide
Diethyleneglycol (slightly)
Diethyleneglycol butyl-ether
Diethyleneglycol ethyl-ether
Diethyleneglycol mono-acetate (slightly)
Difluorotetrachloroethane (slightly)
Dioxane
Ethers
Ethyl acetate
Ethyl alcohol
Ethyl benzoate
Ethyl ether
Ethylcellosolve
Ethylene oxide
Ethyleneglycol butylether
Ethyleneglycol diethyl-ether
Ethyleneglycol ethylether
Ethyleneglycol isoamyl-ether
Ethyleneglycol isobutyl-ether
Ethyleneglycol isopropyl-ether
Ethyleneglycol methyl-ether
Ethyleneglycol propyl-ether
Furfuryl alcohol
Glycol diacetate
Glycol diethylether
Glycol etheracetate
Glycol ethylacetate
Glycol ethyletheracetate
Glycol monoacetate (slightly)
Glycol monobutylether
Glycol monomethylether
Isopropyl acetate
Isopropyl alcohol
Linseed oil (hot)
Mesityl oxide
Methyl abietate
Methylcellosolve
Methylcyclohexanol
Propyl acetate
Propylene oxide
Propyleneglycol ethyl-ether
Propyleneglycol iso-propylether
Propyleneglycol methyl-ether
Tetrahydrofurfuryl alcohol
Tetrahydronaphthalene
Tetraethyleneglycol (slightly)
Tetraethyleneglycol ethylether
Toluene
Triethyleneglycol (slightly)
Triethyleneglycol ethyl-ether
Turpentine (hot)

Sources of Hydrogen in Hydrogenation of Mastic Gum

Acetylene subjected to electric spark
Acids in reaction on metals
Alkali metals with water
Alkalies in reaction on metals
Alkali-earth metals with water
Aluminum with potassium hydroxide
Aluminum with sodium hydroxide
Aluminum-mercury amalgam with water
Benzin vapor decomposition
Benzene vapor decomposition
Calcium reacted with water
Calcium hydride with water
Calcium hydroxide with water
Calcium hydroxide heated with carbon monoxide
Carbon (red hot) with steam
Coke (hot) with steam
Decomposition of gasoline
Decompositions of hydrocarbons
Electrolysis of—
(1) Acid solutions (aqueous)
(2) Alkali solutions, (aqueous)
(3) Bases in aqueous solutions
(4) Cadmium chloride solution
(5) Cadmium nitrate solution
(6) Cadmium sulphate solution
(7) Hydrochloric acid solutions
(8) Hydroxide solutions
(9) Lead nitrate solutions
(10) Nitric acid solutions
(11) Orthophosphoric acid solutions
(12) Potassium chloride solutions
(13) Potassium hydroxide solutions
(14) Sodium chloride solutions
(15) Sodium hydroxide solutions
(16) Sulphuric acid solutions
(17) Zinc sulphate solutions
Ferrosilicon reacted with sodium hydroxide
Ferrosilicon reacted with sodium monosilicate and calcium hydroxide
Hydrides of the metals of the alkali and alkaline earth groups
Hydrocarbon gas passed over hot coke
Hydrogenite process
Hydrolith process
Iron plus steam
Iron and dilute sulphuric acid
Linde Frank Caro process
Lithium hydride
Lithium with water
Magnesium plus hydrochloric acid
Magnesium plus sulphuric acid
Magnesium reacted with water
Metallic iron (heated) with steam
Metallic sodium plus aluminum silicide and water
Petroleum hydrocarbon decomposition
Potassium with water
Potassium oxalate with sodium hydroxide
Silicon reacted with sodium hydroxide
Sodium and water
Sodium formate and sodium hydroxide
Sodium hydroxide and carbon (heated)
Sodium oxalate and sodium hydroxide
Steam
Steam with watergas
Strontium reacted with water
Texene
Thermal decomposition of hydrocarbons
Water and alkali metals
Water on nonmetals
Watergas with sulphur removed by means of hydrated oxide of iron
Watergas decomposition
Zinc and calcium hydroxide (heat dry powders together)
Zinc and magnesium hydroxide
Zinc and potassium hydroxide
Zinc and sodium hydroxide
Zinc sulphate and sodium hydroxide

Membranes

Materials Used in Making Filtering Membranes

Acetic acid, glacial
Acetone
Albumen
Alcohols
Balata
Balsams
British gum
Camphor
Caoutchouc
Casein
Castor oil
Castor oil, sulphonated
Cellulose acetate
Cellulose derivatives
Cellulose esters
Cellulose ethers
Cellulose formate
Chloroform
Colloids
Cuprammonium-cellulose
Dextrin
Ether
Ethyl acetate
Ethylcellulose
Fats
Fatty acids
Gelatin
Glue
Glycerin
Gutta-percha
Naphthalene
Nitrocellulose
Oils
Paraffin
Phosphoric acid esters of phenols
Resins
Tragacanth
Tragasol
Viscose
Waxes

Harrison Fifty Years In Drug Business

Columbus, Ohio, Oct. 11, 1938

F. H. Harrison, for twenty-seven years secretary and treasurer of the Orr, Brown & Price Company, wholesale druggists, has marked the completion of fifty years' continuous service in the employ of the firm.

Mr. Harrison is a native of Leeds, England, having been brought to this country by his parents in 1868, but they

F. H. Harrison

returned to England in 1878, remaining until 1882, when his parents again moved back to New Straitsville, Ohio. Mr. Harrison attended high school in New Straitsville, and subsequently secured a position in a drug store operated by Dr. George A. Newton, where he studied pharmacy for four years. He subsequently moved to Columbus in order to attend business college.

He later secured a position with Orr, Brown & Price, then located in the old Chittenden Hotel block at Spring and High streets. When W. C. Brown retired in 1911 the partnership was changed to a corporation and employees, including Mr. Harrison, were given an opportunity to purchase stock. Mr. Harrison became a member of the firm and since 1911 has been secretary-treasurer. C. V. Boetcher, head chemist for the company, has been with the firm since 1889.

Kentucky Cosmetic Tax Goes to Supreme Court

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States will review the case of J. Bacon & Sons versus Martin, invoiding the validity of a Kentucky statute imposing a tax "upon the receipt of cosmetics" transported in interstate commerce for retail sale in the State.

The Bacon company held that the statute violated the commerce clause of the Federal constitution and that the State tax commissioner was without authority to enforce collections under it, and declared that the tax was levied on the act of receipt and as applied to interstate receipts constituted a burden on interstate commerce.

The Kentucky Court of Appeals affirmed judgment sustaining demurrer, holding that the tax is an excise on sales and therefore does not burden interstate commerce.

Ohio Liquor Ban Upheld On Wholesale Drug House

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States has affirmed a decree of the United States District Court for the Southern District of Ohio in which the Walding, Kinnan & Marvin Company, wholesale druggist, had been denied an injunction that would restrain the State from denying, under the Ohio liquor control act, permission for the concern to continue its wholesale medicinal liquor business.

The company contended that the Ohio liquor control act was not an exercise of the State's police power and that an attempt of the State to establish a monopoly of a business in which the company was engaged constituted the taking of property without due process of law.

FLEXO WAX C
IS
STICKY!

FLEXO WAX C is a new low-priced adhesive wax. Being non-crystalline it is much more waterproof than paraffin waxes. Its melting point (Ball and Ring) is 145°-165° F, and a cold flow is 145°-150° F. It is free from chlorine, phenol and corrosive materials. Blends easily with resin, oils and other waxes. Flexo Wax C has high adhesive properties for coatings, laminating work, agricultural protective coatings and many other uses.

CHEMICALS BY GLYCO

DIGLYCOL STEARATE S
you can use this emulsifying agent as a thickener, a binder, a lubricant, and for many other purposes

DIGLYCOL STEARATE S is a white, wax-like solid, completely dispersible in hot water. Such dispersions, on cooling, form fluid, milky or paste emulsions characterized by permanent whiteness and stability. Its melting point is 53°-54° C. It is completely soluble (hot) in alcohol, oils and solvents, and acts as an emulsifying agent for oils, waxes, and solvents.

Some of Its Many Uses
√ Textile Sizes and Finishes
√ Ceramic Insulation Binder
√ Lubrication of metals for wire drawing, collapsible tubes, etc.
√ Paper and cardboard lubrication
√ Suspension of pigments and abrasives
√ Polishes—Shoe, Automobile, Furniture, Silver
√ Cosmetic creams and lotions

CHEMICALS BY GLYCO

If you want a
FLEXIBLE FILM
use ELASTOLAC

ELASTOLAC (formerly called Flexilac) is a flexible, dewaxed shellac. An orange-brown, viscous liquid "resin," with a faint, pleasing odor. It dissolves readily in water producing a clear, neutral shellac solution. This solution, on drying, forms a film which is characterized by its flexibility. Elastolac is also soluble in alcohol, esters, and ketones. It is insoluble in oils, hydrocarbons, and resins. Its total solid content (non-volatile at 105° C) is 44%. Weight 8¾ lbs. per gal.

CHEMICALS BY GLYCO

New ideas for
COSMETIC MANUFACTURERS

Glyco has just published a new COSMETIC MANUAL. It is packed with practical information and latest data on the manufacture of cosmetics and similar products. There are 94 pages of valuable information, including up-to-the-minute formulae for making all types of cosmetic preparations. It contains practical data on various manufacturing processes, and gives hints and precautions to take in order to produce the desired results. Also included is a chapter on sources of supply, giving names and addresses of suppliers of the materials mentioned in the Manual. The COSMETIC MANUAL is a sturdy, vestpocket-size book handsomely bound in blue Fabrikoid. It can be yours if you will send 25c. to cover postage and handling.

Samples and full information about Glyco materials described in this column will be furnished on request.

GLYCO PRODUCTS COMPANY, Inc.
(Dept. 51)
148 Lafayette Street
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CHEMICALS BY GLYCO

Come to Glyco for
Diglycol Stearate
Glycerol Monostearate
Diglycol Laurate
Glycol Oleate
Propylene Glycol Stearate (Prostearin)
Propylene Glycol Laurate (Prolaurin)
Propylene Glycol Oleate (Prolein)
Glycol Bori-Borate
Glyceryl Bori-Borate
Ammonium Stearate (Anhydrous)
Glyceryl Monoricinoleate

The Tangible and Intangible

Two guarantees of Excellence accompany any product bearing the label of S. B. Penick & Company — one tangible, the other intangible.

The tangible is evidenced in the modern Penick Plants, Laboratories and Warehouses . . . the alert service . . . the equitable prices . . . the continued expression of customer satisfaction.

The intangible — the many years of botanical experience that enter into every Penick product, the unswerving ideals of constant quality, the set purpose of loyal employees to produce botanical drugs that none will surpass.

IF IT GROWS—ASK PENICK

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK, N. Y. 1228 W. KINZIE STREET, CHICAGO, ILL.

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

N. A. R. D. Will Fight For Chain Tax

—Continued from page 5

point a special committee to study the question of medical care.

Approved the execution of a contract retaining the services of John W. Dargavel as general manager of the association until 1943.

Commended the action of the executive committee against magazine service charges, price discriminations, and combination deals.

Approved recommendations of John A. Goode, Asheville, N. C., chairman of the fair trade advisory committee, for the better coordination of fair trade activities. Mr. Goode's recommendation dealt with the accumulation of data on the practical operation of fair trade laws; the necessity for making it simple and inexpensive for manufacturers to operate under the laws; and the obligation of the retailer to give intelligent and sincere cooperation to fair trade manufacturers.

Commended the First Aid Week committee for its work.

Urged the establishment of a more active fraternal fellowship spirit among medical colleges, dental colleges, and pharmaceutical associations through an interchange of speakers at meetings and in classrooms.

Commended the work of the Pharmacy Week committee and urged that radio broadcasts on pharmaceutical subjects be more carefully controlled.

Urged State and local associations to assist the Druggists Research Bureau in gathering fair trade information by questionnaire.

Urged State and local associations to assist manufacturers in disseminating their fair trade contracts and price schedules at a charge of no more than actual cost.

Urged manufacturers seeking to place their products under fair trade to notify State associations and the N.A.R.D. of their intentions so that the fullest support and cooperation may be extended.

Asked that copies of the N.A.R.D. combination deals code be mailed to every fair trade committee for its guidance.

Condemned the release of manufacturer's price change notifications before their effective date with no mention of their subsequent effective date of change.

Condemned the practice of shipping and billing merchandise to retailers without prior authorization.

Asked that steps be taken to halt the "sample racket" on prescription items.

Commended the manufacturers of two brands of cigarets which have placed their products on fair trade.

Urged the reelection of Senator Millard E. Tydings of Maryland.

Condemned the practice of some wholesalers and manufacturers of supplying merchandise to employees of other concerns.

Urged State associations to seek the enactment of laws prohibiting quantity limitaton on specal sales of advertised products at retail.

Urged manufacturers to make it possible for retailers to secure a more equitable adjustment of floor stocks which such producers make obsolete by change in formula or package.

Commended Eli Lilly & Co. for its method of cataloging its products at a uniform discount, simplifying the determination of costs of listed items.

Vigorously opposed cooperative advertising as now maintained by most large manufacturers.

Protested against the policy of some manufacturers of taking away the usual 10 percent discount without adjusting their retail prices to make up the loss, and condemned the practice of issuing periodic, confusing deals supposedly making up the discount loss.

Urged the A. C. Barnes Company to discontinue its present method of packaging argyrol.

Expressed gratitude to Edward J. Murphy, of Connecticut, who for the past five years has served as chairman of the resolutions committee.

Commended the Chicago Retail Druggists Association for the success of the convention which was the most largely attended in the history of the association.

Officers Elected

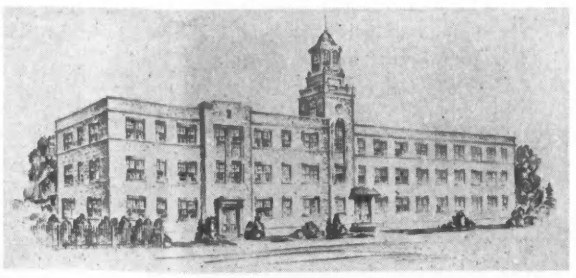
John Witty, Portland, Ore., was elected president of the association for the ensuing year. Other officers elected were as follows:—First vice-president, N. Guy Miller, Purcellville, Va.; second vice-president, Coleman Davis of Oklahoma; third vice-president, Edgar Bellis of New York; treasurer, John B. Tripeny, Casper, Wyo.; secretary, John W. Dargavel, Chicago; chairman of the executive committee, Hugh Bierne, New Haven, Conn.; member of the executive committee, George Frates, San Francisco.

Senator John E. Miller of Arkansas, co-author of the Tydings-Miller act, addressed the convention Wednesday on the subject of fair trade, and Dr. R. G. Leland, director of the bureau of medical economics of the American Medical Association, addressed the same session on the subject, "Is Medicine to Be Socialized?"

An extended list of outstanding speakers on economic, professional, and merchandising subjects contributed to a most interesting and informative week of sessions, and a variety of splendid entertainment features during the evenings left nothing to be desired.

Bilhuber-Knoll Corp. Moving to New Quarters

The construction of offices and laboratories of the Bilhuber-Knoll Corporation in Orange, N. J., has been completed and before the end of October the entire organization will occupy the new quarters. The place consists of two complete units, one housing the general office and laboratories and the other will be turned over to manufacturing.



The architecture of the main building is carried out in colonial style, being red brick with a central tower and pinnacle. The main entrance opens into the offices which are on the west end of the building; sales and accounting department on the first floor, and advertising and promotion units on the second and third floors. The east end of the building consists of control and research laboratories as well as modern rooms for the sub-dividing and packing department.

Trade Briefs

Agfa Ansco Corporation has started construction of an addition on a site adjacent to its main plant at Binghamton, N. Y.

Munyon Remedy Corporation, this city, has been dissolved, under the provisions of a certificate filed with the Secretary of State.

Milton S. Malakoff resigned October 1 as executive secretary of the fair trade committee of the New York State Pharmaceutical Association.

Brunswig Drug Company has received a certificate to conduct business under the firm name of Wilshire Toiletries at 360 East Second street, Los Angeles, Calif.

A. P. W. Paper Company stockholders will vote October 19 on a proposal to increase the authorized no par common stock from 268,500 shares to not exceeding 730,000 shares.

Modern Drug & Chemical Company, which occupies the building on the southeast corner of Baltimore and Bond streets, Baltimore, has acquired the property at 921 South Caroline street, and intends to erect a brick addition, serving as warehouse and laboratory.

James M. Doran, former director of the Distilled Spirits Institute, has opened an office at 410 Albee building, Washington, as consultant in matters relating to distilled spirits, industrial alcohol, the wine and beverage industries, Mr. Doran retains a consulting connection with the institute.

Proprietary drug lines are desired by a visitor from Venezuela who arrived in the United States late in September. Full details regarding this visitor are available to accredited American firms at the Department of Commerce, Washington, by referring to foreign visitor No. 158.

Botanical Drugs, Spices, and Gums

Prices Show Generally Firm Undertone—Normal Trade Over Next Six Months Expected to Bring Moderate Advances—Changes Few—Replacement Cost Well Maintained

Stability of prices was probably the most noteworthy feature of the market for botanical drugs last week. Changes were very few in number and came in materials usually not of first importance when the market as a whole was considered. Of course, "importance" was a relative term; to some, the few changes may have been of major import, but in the market as a whole, the major items showed considerable strength and yet were mainly unchanged in price.

Demand was variously reported, some noting a steady flow of orders that bulked a very fair volume of transactions, while others indicated that the market was more on the quiet, spotty side. On the whole, however, it appeared that there was a very fair-sized inflow of orders and most of the trade were reasonably busy.

An element of general strength in the market was the fact that most primary market quotations were on the firm side. At home or abroad, the tale was the same; values were holding well and signs of unsettlement of a sort likely to produce downward changes in the markets as a whole were lacking. Given reasonable business during the next six months, local sellers believed that some appreciation in values was a reasonable expectation.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	565	1,533
Belladonna	51	295
Caraway	784	14,113
Cardamom (cases)	49	1,244
Celery	...	1,971
Coriander	2,012	9,926
Cumin	856	2,644
Digitalis leaves (cases)	68	88
Dill	...	486
Fennel	256	779
Henbane leaves (bales)	42	107
Mustard	200	26,869
Poppy	700	34,753
Sage leaves (bales)	25	1,554
Sesame	1,261	10,652
Stramonium (bales)	558	565
Thyme (bales)	9	777

Balsams

Copaiba.—Inquiry gained moderately and some quarters noted an improvement in sales, same being within moderate limits. Prices were steadier on the whole and undertones seemed to be slightly firmer.

Fir.—Conditions still favored buyers with firm orders in hand. Canadian balsam was offered at $11 per gallon, more or less freely in a market noted for moderate but fairly steady consuming request. Oregon balsam lacked new price development and seemed to be dull.

Barks

Buckthorn.—Interest in the spot offerings of this material has been sustained very well and some better than fair-sized quantities were moved into consumption during the past week. Prices were very steady.

Canella Alba.—Jobbing business was good and productive of fair-sized volume built on the basis of steady and well-maintained prices in a market free from unusual competition.

Cottonroot.—Plenty of raw material exists in the primary market, and it remains to be seen how much of a crop will be made available for manufacturing consumption this year. It seemed to be solely a question of labor getting to work at the prices which dealers will now pay for new collection.

Orange Peel.—Stocks of sweet peel were very small and none of the local dealers has been able to place orders for substantial quantities in the foreign markets. All of the recent advances in quotations has been maintained.

Soap.—Business was ordinary in most respects, consisting of a call fairly well distributed between all kinds of this material. Undertones were very steady and prices were well-maintained.

Beans

St. Ignatius.—A very narrow market prevailed for this material, and in most respects it was a nominal affair in the absence of broader interest on the part of buyers. Quotations lacked change.

Vanilla.—Offerings from Europe were maintained at fairly high prices, and conditions appeared to forecast the probability of values remaining on the high side until such time as new plantings in the primary market shall come into fearing. In the meantime, the trade might watch Porto Rico as a future source of supplies. A project there is under consideration as part of the government's desire to increase agricultural crops for the purpose of providing inhabitants with more means of sustaining life. The project has not gotten much beyond the talk stage as yet.

Berries

Cubeb.—Fair but not large demand was noted last week and business done was sufficient to give considerable support to prices at the levels prevailing for some time past.

Saw Palmetto.—So far as known, there seemed to be ample supplies of this article to meet consuming request. That was certainly true as concerned the spot supply of the article and local dealers said that there was little call for the material during the past week.

Flowers

Arnica.—Prices abroad were on the firm side and no tendency to accept bids prevailed generally among foreign suppliers. Spot conditions changed little, the market being generally steady to firm in most directions.

Calendula.—Undertones abroad were on the firm side and local conditions seemed to reflect steadily the situation abroad. Business here was not very active, consisting of a steady demand for small lots.

Chamomile.—Business was very fair. Some branches of the consuming trade were in the market for more than moderate quantities and the movement into consumptoin tended to make local quotations generally firmer in most directions. Undertones were very steady.

Lavender.—A more active movement seemed to be developing along seasonal lines and sales volume was up moderately by the end of last week. Prices were firmer and less subject to the pressure of competition. Stocks were of fair size.

Saffron.—Spanish flowers were on the firm side notwithstanding the absence of special interest or demand in the item last week. The maintenance of values reflected strength in the replacement market. Mexican flowers were quiet but seemed to be placed favorably for wider buying operations than prevailed last week.

Gums

Arabic.—Some recovering in spot interest in this item was noted last week and the gain in inquiries tended to make the market steadier if not actually firmer. The replacement market has not moved in favor of buyers, remaining generally steady.

Benzoin.—Lack of substantial reserves alone was sufficient to keep prices on Sumatra gum to an especially steady position. In addition was a fair request for spot deliveries. The market was well maintained in the absence of competition.

Euphorbium.—Very steady prices prevailed. Stocks were small and not broadly distributed. However, the demand continued to be light and no larger than the volume current over the past several months.

Guaiac.—Jobbing trade was fair but not expansive. Leading suppliers reported a small but steady and consistent movement into consumption on the basis of prices also declared to be steady.

Karaya.—Very good call was reported and the market had a firm undertone little disturbed at any time last week by the element of local competition. Reserve stocks were said to be about normal in size.

Herbs and Leaves

Buchu.—Steady but not large demand was reported. Larger consumers of the item seemed well supplied against their immediate needs, and the smaller users bought close to actual requirements. Quotations were said to be slightly steadier.

Henbane.—While stocks were moderate in size, they seemed to meet current requirements of the consuming trade and the movement into consumption produced a generally steady situation in which competition was inconsiderable.

Horehound.—Difficulty in securing normal shipments from Europe continued to be reported and as the spot supply was moderate and in strong hands, the price position of the article was one of considerable strength in local quarters.

Digitalis.—All requirements were being met promptly and with practically no difficulty. Prices were on the firm side and appeared destined so to remain until such time as normal stock reserves shall prevail in all quarters on the spot.

Skullcap.—A deal of substantial stability prevailed on the spot. Price movement has not reversed itself yet but there seemed to be no downward tendency in quotations last week. A fairly ample stock existed in all markets.

Miscellaneous

Dragon's Blood.—A slight gain in sales was reported in one quarter, but it proved impossible to get higher prices during the past week. A market fairly favorable to buying operations prevailed with prices being about steady.

Ergot.—Lack of substantial activity was generally reported, but the market continued to be steady on the spot and virtually firm across seas. The larger manufacturing consumers appeared to have covered their needs fairly well. Fair-sized stocks were held locally.

Kamala.—Offerings were made at 28c. to 29c. per pound in normal quantities and in a market subject to irregular and spotty demand. However, undertones remained steady.

Lupulin.—There has been very little demand for this article over the past several months. However, on the basis of business done last week, the market was higher at $1.25 to $1.50 per pound, according to article and seller.

Manna.—Controlled prices abroad tended to keep this article firm on the basis of the recent advance in local quotations. Also, a feature of the market was the persistence of a strengthening of market undertones as the result of a steadier demand.

—*Continued on page 52*

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cardamom, decorticated, 3c. per lb.
green, 1c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
Cassia buds, ½c. per lb.
Clove, Madagascar, ½c. per lb.
Ginger root, African, ¼c. per lb.
Cochin, lemon, ¼c. per lb.
Japanese, ½c. per lb.
Mace, Banda, 1c. per lb.
Lupulin, 10c. per lb.
Pimento, ½c. per lb.
Paprika, Hung., extra fancy, 1c. per lb.
Pepper, black, Aleppy, ¼c. per lb.
Lampong, ¼c. per lb.
Tellicherry, ½c. per lb.
Sunflower, ½c. per lb.
Rhubarb root, 2c. per lb.
Sunflower seed, poultry, ⅛c. per lb.

Reduced

Rapeseed, Dutch, ¼c. per lb.
Cassia, Batavia, No. 3, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
121.6	**121.6**	**121.8**	**140.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

FOR IMMEDIATE DELIVERY

Thousands and thousands of pounds of the world's best crude drugs and specialties are ready, at our New York City warehouses and mills, for immediate shipment to any point in the nation. These include every foreign and domestic botanical crude drug for which there is commercial demand. By coming to you DIRECT from our New York City warehouses and mills, you assure yourself the freshness and quality not otherwise so consistently possible. It is for this reason—to avoid ageing and loss of active principle — that we do not maintain branch warehouses. The speed of today's transport facilities cut the distance between our warehouses and your plant (no matter where located) to a positive minimum.

Samples and Quotations on Request

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PROFESSIONALLY MILLED
ANALYZED—STANDARDIZED CRUDE DRUGS
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Gum Tragacanth---Gum Arabic
Importers
THURSTON & BRAIDICH, 286 Spring St., NEW YORK

GUMS
IMPORTERS
GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
LOCUST BEAN GUM
(CAROB FLOUR)
NEW ENGLAND REP.
G. H. BUNTON
CAMBRIDGE, MASS.
PHILADELPHIA REP.
R. PELTZ & CO.
112 SO. 16TH ST.
PAUL A. DUNKEL & CO., INC.
82 WALL ST., NEW YORK, N.Y. HANOVER 2-3750

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Alcohol

(Acquavite Rectificata, Aethyl Alkohol, Alcohol Ethylicum, Alcool, Alkohol, Cologne Spirits, Espiritus Rectificado de Vino, Esprit de Vin, Ethanol, Ethyl Alcohol, Ethyl Hydroxide, Ethylic Alcohol, Rectified Spirits, Rectificirter Weingeist, Spirit of Wine, Spiritus, Spiritus Rectificatus, Spiritus Tenuoir, Spiritus Vini, Verdunnter Spiritus, Verdunnter Weingeist, Weingeist)

Note:—The uses enumerated below include all grades and varieties of pure and denatured alcohol.

Adhesives

Solvent in making—
- Cements of various kinds

Analysis

Preservative, reagent, and solvent in—
- Analytical processes involving control and research in science and industry

Aviation

Indicator in—
- Compasses, gauges, indicating devices of various kinds

Cellulose Products

Solvent for—
- Nitrocellulose in making various products, such as rayon, collodion and the like

Chemical

Ethylating agent in—
- Organic syntheses

Extractant in—
- Manufacturing processes

Process material in making—
- Acetaldehyde
- Acetanilide
- Acetic ether
- Acetone
- Acetparamidophenolsalol
- Acetphenetidin
- Acetylsalicylic acid
- Adalin
- Adeps Lanae
- Aldehydes
- Aletrin
- Aloin
- Ammonium salts of lauric and oleic acids
- Anesthetic ether
- Antipyrine
- Apocynin
- Arabinose
- Arbutin
- Artificial musks
- Arsphenamine
- Asclepiadin
- Atophan
- Avenin
- Barbitol
- Benzaldehyde
- Benzene cyanide
- Benzidin
- Benzoic acid
- Benzoin
- Benzonaphthol
- Benzonaphthol benzoate
- Betanaphthol
- Betanaphthol benzoate
- Betanaphthol centralites
- Betanaphthol salicylate
- Bluing (laundry)
- Butyric ether
- Calcium acetate
- Camphor, synthetic
- Caproic acid
- Caproic ether
- Certified food colors
- Chloral hydrate
- Chloroform
- Cinchona alkaloids
- Cinchophen
- Citronellol
- Cocaine salicylate
- Codeine
- Collodions
- Coumarin
- Creosote carbonate
- Dextrin
- Dextrose
- Diacetylmorphine
- Diamidophenol
- Diastase
- Diethyl phthalate
- Diethylbarbituric acid
- Digestive ferments
- Digitalis active principles
- Dimethylglyoxime
- Dimethyl sulphate
- Dinitrotoluene
- Emulsions
- Ethers
- Ethyl acetate
- Ethyl benzoate
- Ethyl bromide
- Ethyl butyrate
- Ethyl chloride
- Ethyl esters of cinnamic, lauric, benzoic, and pelargonic acids
- Ethyl lactate
- Ethyl laevulinate
- Ethyl nitrite
- Ethyl oxidehydrate
- Ethyl palmitate
- Ethyl propionate
- Ethyl sulphate
- Ethyl valerate
- Ethylene
- Ethylmorphine
- Formaldazone
- Formaldehyde
- Formic ether
- Galactose
- Glycerophosphates
- Guaiacol
- Guaiacol carbonate
- Heliotropin
- Hexachlorobenzene
- Homatropin
- Hydrastis alkaloids
- Hydrazonanisol
- Hydroquinone
- Insulin
- Inulin
- Intermediates
- Iodine
- Iriscin

Process material in making—
- Isinglass
- Laevulose
- Maltose
- Mannose
- Melibiose
- Mercurochrome
- Micheler's ketone
- Monobromated camphor
- Morphine
- Neoarphenamine
- Neosalvarsan
- Nitrobenzene
- Nitrosobetanaphthol
- Nitrose ether
- Orthotoluosulphamide
- Paramidophenol
- Paranitrophenatol
- Paraphentidin
- Pectin
- Pepsin and similar products
- Phenacetin
- Phenolphthalein
- Phenylacetic acid
- Phenylcinchoninic acid
- Potassium cyanate
- Potassium hydroxide
- Potassium sodiumxanthate
- Propionic ether
- Protargentum
- Raffinose
- Resorcinol
- Rhamnose
- Saccharine
- Saccharose
- Salicylic acid
- Salicylic aldehyde
- Salol
- Salophen
- Salvarsan
- Santonin
- Saponin
- Sodium
- Sodium benzoate
- Sodium ethylsulphate
- Sodium hydrosulphate
- Sodium hydroxide
- Sodium hyposulphite
- Solidified alcohol
- Solvents
- Sorbit
- Strontium
- Strychnine
- Sulphonic acids
- Sulphuric ether
- Tannic acid
- Terpin hydrate
- Theobromine
- Toluidin
- Urea
- Uric acid
- Veronal
- Xanthates
- Xylose

Reaction medium and solvent in—
- Crystalization processes
- Extraction processes
- Purification processes

Reducing agent in—
- Organic syntheses

Solvent for—
- Acids, such as abietic, acetic, adipic, angelic, citric, tannic, tartaric
- Ammonia
- Ammonium compounds, such as the benzoate, bromide, chloride, iodide, nitrate, picrate, salicylate, sulphide, sulphocyanate, valerianate
- Balsams
- Castor oil (very soluble)
- Delinquescent salts (except potassium carbonate)
- Fine chemicals, such as acetanilide, acetylsalicylic acid, camphor, antipyrine, antipyrine acetylsalicylate, antipyrine salicylate, acetphenetidin, acetophenone, potassium iodide, iodine, menthol, thymol, and the like
- Fixed oils (sparingly)
- Gums
- Inorganic chemicals, such as sodium hydroxide, potassium hydroxide, lithium hydroxide, aluminum bromide, aluminum chloride, antimony chloride, arsenic chloride, various other chlorides, calcium nitrate, silver nitrate, sulphur, phosphorus
- Intermediates
- Many other chemicals, raw materials, semifinished products, and materials in course of processing
- Nitrocellulose
- Organic chemicals, such as acetamide, acetic anhydride, acetin, acetone, acetylene, acetylene tetrabromide and tetrachloride, acrolein, aldol, allyl alcohol, aminoazotoluene, hydrochloride, amyl acetate, amyl alcohols, amyl nitrite, amyl ether, amyl salicylate, amyl valeriate, anethole, anisaldehyde, anisole
- Pharmaceutical and medicinal chemicals, such as absinthin, acetal, acetylphenylhydrazin, acitrin, adonipin, alphol, aluminum phenolsulphonate, amylene, anemonin, anhalonidine, anhalonine, apiol
- Resins
- Soap
- Vegetable alkaloids, such as aconitine, apomorphine, apoatropine, apocodeine, codeine, morphine, hyoscine
- Volatile oils

Starting point in making—
- Alcoholates, such as those of soda and potash
- Esters with acids, such as acetic, benzoic, butyric, hydrochloric, formic, nitric, oxalic, succinic, propionic, sulphuric
- Miscellaneous chemicals, such as ethylmercaptan, ether, ethylene, dichloroethane, acetaldehyde, acetic acid, chloral hydrate, chloroform, iodoform

(To be continued)

Benzenesulphonic Acid Anilide

Dye

Starting point (Brit. 447646) in making—
- Diazotizable organic selenium compounds

4-Chlororesorcinol Normal Butylether

Disinfectant

Germicide (U.S. 2036827)

Hydrochloric Acid

(Acide Chlorhydrique, Acide Hydrochlorique, Acide Muriatique, Acido Clorhidrico, Acido Cloridrico, Acido Muriatico, Acidum Chlorhydricum, Acidum Hydrochloratum, Acidum Hydrochloricum, Acidum Muriaticum, Chlorhydric Acid, Chlorwasserstoffsaure, Hydrogen Chloride, Marine Acid, Muriatic Acid, Salzsaure, Spirit of Salt, Spirit of Sea Salt)

Analysis

Reagent in—
- Analytical processes involving control and research in science and industry

Ceramic

Process material in making—
- Porcelain
- Potteries

Purifying agent for—
- Iron in clay

Chemical

Acidifying agent in—
- Chemical processing

Catalyst in making—
- Esters, such as methyl anthranilate, ethyl cinnamate, ethyl citrate, ethyl lactate

Hydrolyzing agent for—
- Carbohydrates

Neutralizing agent for—
- Alkalies

Process material in making—
- Acetic acid
- Adipic acid
- Alginic acid
- Arsenic acid
- Chlorhydrates of organic bases
- Chlorhydrins
- Chlorosulphonic acid
- Chromic acid
- Citric acid
- Fatty acids from lime soaps
- Lead oxychloride (from galena-Pattison process)
- Resorcinol
- Salicylic acid
- Salvarsan
- Selenium oxychloride
- Silica gel
- Various other chemicals

Purifying agent in—
- Manufacturing processes

Reducing agent (with tin) in—
- Organic syntheses (used with iron, stannous chloride, tin, or zinc)

Solvent for various chemicals and raw materials

Starting point in making—
- Aqua regia
- Inorganic chemicals
- Metal chlorides, such as aluminum chloride, barium chloride, bismuth chloride, cesium chloride, chromium chloride, magnesium chloride, manganese chloride
- Organic chemicals
- Organic chlorides, such as methyl chloride, ethyl chloride

Dye

Process material in making—
- Dyestuffs

Fats and Oils

Bleaching agent for—
- Fats
- Oils

Fertilizer

Reactant in making—
- Phosphate from bones

Food

Hydrolizing agent for—
- Carbohldrates

Neutralizing agent for—
- Alkalies

Fuel

In coke purification

Glue and Gelatin

Neutralizing agent for limed leaching solutions in making—
- Glue
- Gelatin

Solvent for mineral matter in making—
- Glue
- Gelatin

Glass

Purifying agent for—
- Sand

Ink

Reactant in making various inks

Leather

Process material in—
- Chrome tanning operations
- Dehairing skins and hides

Metallurgical

Etching agent for—
- Metals

Ingredient of—
- Soldering solutions
- Fluxing bath in galvanizing processes

Pickling agent for iron in—
- Cleaning processes
- Galvanizing processes
- Tinning processes

Solvent for zinc in—
- Zinc chemical manufacture from residual flux skimmings of galvanizing processes
- Zinc reclamation from galvanized scrap

Starting point in making—
- Aqua regia (gold solvent)

Mechanical

In pipefitting

Paint and Varnish

Reactant in making—
- Pigments

Pharmaceutical

In compounding and dispensing practice

Photographic

In general processes

Perfume

In making synthetic perfumes

Printing

In lithographic processes
In process engraving

Rubber

Process material in—
- Rubber reclamation processes

Soap

Reactant in—
- Purifying soapstock

Sugar

Diffusory auxiliary in—
- Beet sugar manufacture

Purifying agent for—
- Animal charcoal

Textile

Acidifying agent

Neutralizing agent for—
- Alkalies

Process material in—
- Dyeing processes
- Mercerizing processes
- Printing processes

Sour for—
- Fabrics

2-Parachlorophenylthiolquinolin Ethiodide

Dye

Process material (Brit. 454687) in making—
- Cyanin dyes

Essential Oils, Aromatic Chemicals

Trade Quiet and Volume Moderate—Some Prices Turn Easier to Softer—Sage and Pennyroyal Exceptions, Being Higher—Chinese Oils Tend Downward

Reports in the market for essential oils and aromatic chemicals revealed that demand was conservative to light, as well as irregular and mainly jobbing in character. While the rank and file of merchandise appeared to be holding fairly firm as to price there were some materials sufficiently easy or soft to result in values moving in favor of buyers for consumption. In fact, in many ways the conditions seemed to indicate that it was a buyers market in most respects.

Bergamot was shaded and some very good quality oil was available at attractive prices. Cassia was lower and, although anise lacked open change, the item was still sufficiently competitive to make further shading of prices not entirely unlikely.

Cedarleaf and cedarwood were two oils which also sold to the greater advantage of buyers. Grapefruit was shaded, too. Wormseed tended downward under the influence of new crop conditions. Natural sassafras was slightly cheaper, and savin was easier and lower.

Domestic oils held very well, in the main. Although demand was not especially active, the primary market maintenance of values affected local views on values substantially. Tansy was an article of special strength and offerings were light and high in price. Peppermint and spearmint were basically steady at the source.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Pennyroyal, imported, 15c. per lb.
Sage, Dalmatian, 20c. per lb.

Reduced

Bergamot, 10c. per lb.
Birchtar, rectified, 5c. per lb.
Cassia, 1c. per lb.
Cedarleaf, 4c. per lb.
Cedarwood, Southern, 1½c. per lb.
Citronella, Ceylon, ½c. per lb.
Java, 1½c. per lb.
Grapefruit, 25c. per lb.
Petitgrain, 8c. per lb.
Sassafras, natural, 10c. per lb.
Savin, 5c. per lb.

Comparative Values

Index numbers compiled from twenty typical essentials oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
69.1	69.6	69.2	80.9

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Anise.—Open prices were unchanged but the undertone of the market was still unsettled and competition continued to make actual selling prices uncertain without a firm order being in hand.

Bergamot.—Spot offerings of good quality oil were noted at prices as low as $3.65 per pound. The range according to brand was to $3.85. A routine market was noted. Buyers bought actual requirements freely but were not disposed to anticipate more distant needs.

Birch Tar.—Rectified material was shaded to 60c. to 65c. per pound but no change in the price of crude was noted. The situation in rectified goods was due purely to the element of competition.

Caraway.—The market appeared to be steadier. At least no further recession in prices was noted and most sellers were not disposed to accept bids made at levels below $1.80 per pound. The figure was declared to measure up properly with the cost of replacements.

Cassia.—Competition brought further shading and the market in some quarters was as low as 83c. per pound as an openly quoted figure. The range appeared to be to 85c. in most instances. Demand was moderate and tended to keep conditions in favor of buyers.

Cedarleaf.—The price in drums was noted at 56c. to 58c. per pound according to seller and with demand declared to be moderate to light, the tendency of buyers was to meet any reasonable idea of sellers. Sellers offering goods in cans held quotations unchanged.

Cedarwood.—Southern material in drums was offered at 18½c. per pound and the item in cans stood at 23c. in a market generally quiet and comprised mainly for current needs of a not large number of buyers.

Citronella.—Ceylon oil in drums was offered at 33c. per pound, freely in most instances and backed by ample spot reserves. Java oil was noted at 36½c. to 38c. per pound according to seller but for import it cost very little more than the product of Ceylon.

Clove.—Trading was quiet and irregular most of the time. The leading manufacturing consumers were well covered by contracts and smaller users were still conservative in their purchases. Prices so far as the producers were concerned remained about steady.

Dill.—Some quarters offered seed oil as low as $2.70 per pound. This was for the product made in India. European oil ranged $2.80 to $3 as to seller. Weed oil lacked quotable change. Demand was not very active.

Grapefruit.—More competition than usual has slowly developed in the market for this material and offerings out of spot stocks were made as low as $1.90 per pound. The range according to seller was to $2.15. The call was routine.

Ginger.—A fairly balanced and reasonably steady price for raw material tended to check competition for business in distilled oil and also aided in the maintenance of generally steady prices on the spot throughout the past week.

Lavender.—A greater degree of stability seemed to prevail on the spot. At least, no further reduction in quotations on the oil of high ester content was made and the lower content material was, on the whole, definitely steady and close to true stablization.

Lemon.—The open market on California oil held steady at $2.50 per pound but market comment had it that some resellers had been offering at a shade under that figure. Actually, the market was considered to be on the firm side since it was so far under the going price of $3.05 for Italian material. Demand from the candy manufacturers was said to be slightly improved.

Lime.—The product of Mexico could be bought as low as $3.55 per pound. According to seller and quality, plus point of origin, the quotation on distilled oil ranged from that figure to $4.25. Expressed oil was definitely steady in all quarters.

Orange.—The market appeared to be fairly steady. Although demand was not very large, it was still fairly steady for moderate sized quantities and for the most part full prices were paid throughout the period. Stocks were ample to the extent of being more than a normal reserve.

Pennyroyal.—Imported material was higher at $1.50 to $1.75 per pound but no change was made in the firmly held domestic article. Demand was somewhat quiet and usually for quantities of conservative size.

Peppermint.—Reports in general indicated that the spot and primary markets were holding steady to firm and that a fair run of new business last week contributed some new strength to the general situation. The larger consumers were understood to have covered requirements in ample fashion.

Petitgrain.—Paraguay oil was quoted 82½c. to 90c. per pound according to seller and the slightly more favorable position was evidence of more competition in the market notably quiet as to demand for some time past.

Rosemary.—Firm prices and moderate stocks were the rule and hence the general market position was one of strength. Demand was moderate as to

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

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FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

the size of individual orders but volume was fair in most quarters.

Sage.—Most quarters were not in an exceptionally favorable position on this article and prices have been advanced to $1.50 to $1.55 per pound for a product of excellent quality that was available in moderate quantities.

Sassafras.—Natural oil was shaded to 90c. to $1 per pound, but not all sellers met the inside figure, asserting that it was virtually impossible to secure definitely natural oil at less than $1. Artificial oil continued to fill the bulk of demand and proved to be very steady.

Ti Tree.—While the immediate use of this article was said to be moderate, some expect that its consumption will grow when its properties are more fully appreciated and known. Prices were lower at $2.75 to $3.10 per pound as to seller and quantity.

Wormseed.—While the open quotation was no lower, the market was generally easier under the influence of new crop offerings and the generally downward tendency of price at the source. Buyers took a conservative attitude toward the market pending further developments.

Wormwood.—The firm position was unaltered, being influenced by a fairly high primary market cost and an absence of more than moderate unsold stocks at this time.

Aromatic Chemicals

Acetophenone.—Jobbing business made the bulk of trade last week and on the whole the market was a quiet but fairly steady affair so far as prices were concerned.

Amyl Phenylacetate.—Fairly generous demand prevailed, though most buyers bought conservative quantities. Pricewise, the market appeared to be about steady with competition being inconsiderable.

Amyl Salicylate.—Inquiry was fair to light according to seller and in the main the market was a quiet and usually inactive affair in which, however, quotations seemed to be generally steady.

Benzaldehyde.—While business was not expansive, it was about steady if also along routine lines. Undertones were such as to suggest that values were in generally well stabilized position.

Benzyl Compounds.—Several articles within this group moved more actively, among them being acetate, benzoate and propionate. The general market position was steady and prices were well held by the leading suppliers for consumption.

Carvol.—Interest was confined to the purchase of small quantities needed for immediate consumption. In general, the call was irregular and without improvement over than current in recent weeks.

Citronellal.—Stocks were ample, according to report, but needs of buyers were without improvement over the moderate call current for some time past. However, the general market continued to be about steady.

Diphenyl Oxide.—Trade held up very well and with values showing a deal of stability, conditions were fairly satisfactory and stabilization seemed likely to continue for some time to come.

Ethyl Vanillin.—Competition was keen between the producers of this item and buyers with firm orders for important quantities. Undertones were quite easy in all directions.

Eugenol.—Quotations lacked further change but the market was quiet and conditions seemed to favor buyers for consumption. Competition continued to be active, especially among resellers.

Linalyl Acetate.—Both qualities were steady in price, subject to moderate but fairly steady demand, and lacking in the unsettling element of substantial competition between suppliers.

Menthol.—Demand was reported to be very fair, better than it had been in the not so far distant past. Prices were well held locally and so far as could be learned no shading of values took place last week. Stocks were of fair size, locally.

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Thomas to Discuss Drug Law

Gregory Thomas, director of the board of standards of the Toilet Goods Association, will speak on "New Federal Food, Drug, and Cosmetic Act," October 17 in a broadcast from station WNYC, this city, at 6:30 p. m.

Botanical Drugs

—Continued from page 49

Roots

Arrow.—Manufacturers of foodstuffs took normal quantities of this article and prices remained highly stable and little under the influence of competition between suppliers. Stocks were of excellent size.

Colombo.—Some reports have indicated that prices might advance. However, any shortage here could be easily relieved by importations from London, where substantial stocks were in warehouse.

Golden Seal.—The expected price stability has been achieved now that the crop is virtually in. While no signs of an immediate change in quotations were noted last week, it was recalled that well informed quarters were, a short time back, inclined to take a moderate bullish view on the future of values.

Rhubarb.—The market has turned definitely firmer at home and abroad. Spot quotations on whole root were higher at 32c. to 35c. per pound in most directions, while 37c. to 40c. was quoted on powder. Business was done at both ends of these ranges last week.

Serpentaria.—A fair-sized crop was said to be in hand, but prices paid to encourage collections at the source have prevented any further substantial decline in local quotations. Demand was light.

Seeds

Anise.—A fair amount of selling confirmed spot prices as being firm and unchanged last week. Replacements were not easily obtainable in Europe and the Far East.

Cardamom.—Adverse crop news was noted and prices here showed a strengthening tendency following an advance to 80c. to 82c. per pound on decorticated, and to 51c. to 52c. on green material. Bleached goods lacked quotable change, but were steadier.

Poppy.—Polish material was returned to the basis of firm quotations, the market ranging 8¼c. to 8⅝c. per pound. Dutch seed held unchanged at the same level of price. Demand was strictly routine.

Sunflower.—Reports from California noted a firming of the market there, and the net result on the market here was an advance in the quotations on poultry grade to the basis of 3⅝c. to 4c. per pound after a period during which everything had favored buyers.

Spices

Cassia.—Fractional advances established the following prices:—Batavia No. 1, 15¾c. to 16c. per pound; buds, 15¼c. to 15¾c. Batavia No. 3 was shaded to 9¼c. to 9½c. Chinese cassia lacked change.

Clove. — Madagascar spice ranged 15⅜c. to 15⅝c. per pound, being up a small fraction. Zanzibar was left unchanged. Demand was little changed.

Ginger.—African root rose fractionally to 6½c. to 7c. per pound. Cochin lemon was also up to 10¼c. to 10⅝c. Japanese root was 8⅝c. to 9c. Jamaica root lacked change. Demand was very light.

Mace.—Banda was priced at 51½c. to 52c. per pound and 46½c. to 47c. was asked for Siauw. Batavia was unchanged. A better than fair jobbing request was reported locally.

Paprika. — Extra fancy Hungarian was advanced to 30c. to 31c. per pound. Spanish pepper was entirely nominal in the absence of any firm quotations. Stocks were generally conservative.

Pepper.—Black Alleppy was a fraction higher at 8¼c. to 8½c. per pound; Lampong, 5c. to 5:30c.; Tellicherry, 8⅝c. to 9c. White and red peppers lacked quotable change. Grinders were in the market infrequently, though some transactions reached larger than the size usual to the spot market of late.

Trading in black pepper futures on the New York Produce Exchange from October 8 to October 14, inclusive, comprised 212 contracts, a total of 7,123,200 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	5.10	4.85	4.93@4.94
March	5.15	4.95	5.02 sale
May	5.28	5.05	5.12 sale
July	5.39	5.15	5.21@5.23
September	5.48	5.25	5.31@5.32
October	4.87	4.77	4.78@4.90
December	5.00	4.72	4.89 sale

Pimento.—A further advance put the market to 13¼c. to 13⅝c. per pound for the greater part of last week, although toward the close there seemed to be some easing of market undertones in keeping with a slackening in prompt delivery request.

Abbott Laboratories Opens Research Unit

—Continued from page 5

sive auditorium of the new research laboratory for the formal dedication.

Dr. Ernest H. Volwiler, vice-president and research director of the company, opened the exercises and presented S. Dewitt Clough, president of the company, to greet the guests. After a few words of welcome, Mr. Clough presented an intensely dramatic comparison of the costs of war with the costs of research, education, and other instruments of advancement and public welfare. The audience was held spellbound as he told what could have been done for the betterment of the people of the world with the huge sums of money spent in waging the World War.

Mr. Clough was followed by Dr. Karl T. Compton, president of the Massachusetts Institute of Technology, who spoke on "The University and the Public Welfare." Dr. Herbert M. Evans, professor of anatomy and director of experimental biology at the University of California, spoke on "The Spirit and Task of Research." Dr. Thomas Parran, Surgeon-General of the United States Public Health Service, spoke on "Research and Public Health."

Following the afternoon exercises the guests returned to Chicago for a dedication dinner in the Palmer house. Prof. Roger Adams, head of the chemistry department of the University of Illinois, served as toastmaster and introduced E. H. Ravenscroft, chairman of the board of directors of Abbott Laboratories, who welcomed those in attendance. The evening's program included Harrison E. Howe, editor of *Industrial and Engineering Chemistry*, who spoke on "The Contributions of Organized Chemistry"; Dr. George D. Beal, assistant director of the Mellon Institute of Industrial Research, who spoke on "The Scientific Development of Drug Standards," and Dr. Morris Fishbein, editor of the *Journal of the American Medical Association*, who spoke on "The Contributions of Medicine to Public Welfare."

The guests were presented with attractive brochures showing scenes in the new laboratory photographed in natural color, and attractive paper weights bearing the symbol of alchemy and research which form the decorative motif of the laboratory.

Modern Design in the Research Laboratory

A view of one of the pharmaceutical research laboratories in Abbott Laboratories' new research building in North Chicago, Ill. The conventional, but bleak, white tile of many laboratory structures is nowhere in evidence here; soft, pleasing colors being used throughout the building. Laboratory furniture was designed especially for the building and is of steel to which a lead and then an aluminum coating have been applied.

Lloyd Laboratory To Be Dedicated

The laboratory of Dr. John Thomas Lloyd, for research and development of American plant drugs, 412 Central avenue, Cincinnati, will be dedicated October 21.

The exercises will start with a reception at 1 p.m., and the dedication ceremony will be opened at 3 p.m., by Earl F. Metcalfe, general manager of the laboratory. The invocation will be given by Rev. Frank H. Nelson, rector of Christ Church, followed by an address of welcome by Mayor James G. Stewart of Cincinnati, who will preside during the addresses.

Dr. George D. Beal, assistant director of Mellon Institute of Industrial Research, will speak on "The Blank Page." Dr. Martin H. Fischer, of the medical faculty of the University of Cincinnati, will speak on "The Other Half of the Blank Page." Governor A. B. Chandler of Kentucky also will speak.

Local plans in connection with the opening of the laboratory contemplate a dinner in honor of Dr. Lloyd under the sponsorship of the Cincinnati Chamber of Commerce. Dr. John Thomas Lloyd is a son of the late Dr. John Uri Lloyd. He has devoted himself to research in colloidal chemistry and to carrying forward the work of his father in the development of an adequate domestic botanical materia medica.

Petroleum Solvents, Lubricants, Fuels

Midcontinent Crude Oil Prices Reduced — Break Spreads Throughout Southwestern and Rocky Mountain Fields —Central Western Crudes Also Lowered

Midcontinent and Texas crude oil prices were cut last week. The price weakness spread to the Rocky Mountain fields, New Mexico and the Central Western fields of Illinois, Princeton, Lima and Western Kentucky. Oklahoma and Kansas crudes were lowered 20c. per barrel. The refined oil markets did not register much of an early reaction to the cut in crude prices as many of the finished products have been selling at levels below the equivalent cost of crude replacements.

The position of refined petroleum products used as industrial raw materials appeared technically weakened by the break in the crude market but there was no reaction in that group as the week closed. Prior to the crude oil price cut, two naphtha refineries in Oklahoma were reported to have shut down. In the Eastern market a considerable quantity of naphtha was reported to have been destroyed along with other refinery products in a severe fire at a plant in Warners, N. J. Waxes, petrolatums and mineral oils were quiet.

The daily average production of crude oil in United States for the week ended October 8 was 3,249,000 barrels, an increase of 17,550 barrels over the preceding week, according to the estimate of the American Petroleum Institute. The average production for four weeks ended October 8 was 3,242,850 barrels per day and the average at this time a year ago was 3,579,050 barrels. Runs of crude oil to stills were reported to the A.P.I. by companies controlling 85.5 percent of the nation's refinery capacity as having averaged 2,872,000 barrels daily, and an additional 333,000 barrels were estimated to have been sent to stills unreported for a total estimated daily average of 3,205,000 barrels, against 3,235,000 barrels in the preceding week. The average for October last year was 3,388,000 barrels.

Solvents and Diluents

Prices for petroleum naphthas and solvents held unchanged last week against the weakening influence of the crude oil price cuts and the disintegrating gasoline market. Tulsa reported that two producing plants in Oklahoma were shut down and perhaps some firmness may develop on that account. Some observers in the Eastern market expected that prices would not be able to resist the pressure from the lowered position of the basic market, but up to the time of this writing there were no changes reported.

Aromatic Naphthas. — The high-solvency aromatics continued in an unchanged position and there has been no change in prices since last May.

Petroleum Thinners.—Prices in the tankcar and tankwagon markets held an even position last week albeit some observers looked for a lower market as a result of the price cuts in crude oil and the falling prices for Midcontinent gasoline.

Rubber Solvents.—Whether or not the shutting down of two refineries in Oklahoma will offset the weakening character of the market as a result of the crude price cuts cannot be foreseen, but up to the present there has been no change in prices. The calls for deliveries by the tire manufacturers continued at a good rate.

Stoddard Solvent. — Conditions surrounding the market appeared weaker as a result of the collapse of crude oil prices last week, but up to the time of this writing there had been no change in the position of this solvent at the Midcontinent or Eastern refinery points.

V. M. & P. Naphthas.—In company with other solvents, the market mirrored some weakness from the reduced prices of crude oil. However there have been no changes in prices reported at the refinery points and the closing down of two refineries in Oklahoma may help toward stabilization.

Markets at Other Centers

Chicago, Oct. 13.—The petroleum solvents and diluents market is quiet, with a fair amount of business being transacted and with a fairly well stabilized tone reported in general. The price cutting is reported to have increased slightly recently, in keeping with conditions prevailing in related petroleum markets. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4c. to 4¼c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; V.M.&P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Oct. 13.—No change has developed in the solvents' market despite the lower gasoline quotations that have prevailed during the past few weeks and the tone is steady. With the shutting down of two plants in Oklahoma, production will be somewhat curtailed.

Lighter Fractions

Light hydrocarbons in the gaseous solvents group were in an unchanged position last week. The producers of these materials have not advised of any change in the butanes, hexanes and others in this group. According to the most recent advices, the demands of the market were quite routine.

Butanes.—The market did not contain much for comment last week. Conditions were quite routine and the price basis remained at the long-standing level of 3¾c. per gallon for tankcars, basis Group 3.

Heptanes.—The mixed product was priced at 8½c. per gallon in tankcars while the normal material in similar quantity was 9½c. per gallon, both f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—The market is still reported as being very spotty. There has been a little improvement in the demands so far this month, but the trade is lacking in snap. Prices for technical and U.S.P. oils held unchanged.

Paraffin Waxes.—The scale wax market was rather quiet last week. The price situation was undisturbed and both the 122-124 and 124-126 American melting points were quoted at 2.35c. per pound and seemed fairly firm at that basis. There has been no shift in the fully refined wax prices since last July.

CHICAGO, Oct. 14.—Movement of refined wax recently has been along moderately good lines. Feeling in the market is said to be fairly steady, although in some quarters doubt is expressed over possible effect of recessions in other divisions of the general petroleum market. Inquiry is good. Ruling prices are:—122-124, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132, bulk or bag, 4.75c. to 4.8c.; 132-134, bulk or bag, 5c. to 5.05c.

TULSA, Oct. 14.—Higher activity continues in this market with quotations remaining strong but unchanged. Good export inquiries are also reported. The 124-26 American crude is 2¼c. to 2½c. with most of the trading being effected at the higher quotation.

Petrolatum. — The appearance of the market was unchanged. As reported previously, there has been some competitive bidding on large-sized business for the white grades, but otherwise the market seemed quite steady.

Fuels and Lubricants

As a result of the crude price cuts in the Southwest and in other sections, the Eastern refined oil market appeared rather shaky. Gasoline occupied a soft position. Heavy oils were holding fairly well under a light measure of support from the buyers.

Tankwagon Price Changes

DALLAS, Tex.—Retail gasoline prices were reduced 2c. per gallon in Dallas, October 12. The reductions were made by the Texas Company, Humble Oil & Refining Company and the Atlantic Petroleum & Refining Company.

Chicago.—Standard Oil Company of Indiana, October 8, reduced all normal tankwagon prices to consumers and all normal prices to dealers on all three grades of motor gasoline one-half cent a gallon throughout the states of Illinois, Indiana, Michigan, Wisconsin, Iowa, Minnesota, North and South Dakota, Missouri and Kansas. Effective the same date and in the same territory normal prices on kerosene also were reduced. All special prices previously made to meet competition that are lower than the new normal prices will remain in effect.

Market Conditions

Gasoline.—The local bulk market was quiet, as jobbers held off purchasing in hopes of a reaction to the reduction in crude prices in the Southwest. The 65 octane product was available here at 6c. to 6¼c. per gallon, basis refinery. Gasoline stocks for the week ended October 6 were reported by the A. P. I. as having been 68,706,000 barrels, against 68,602,000 barrels in the preceding week and 66,066,000 barrels at this time a year ago. The production of gasoline for the week ended October 8 was reported by producers controlling 85.5 percent of the nation's refinery capacity as having been 9,835,000 barrels, against 9,573,000 barrels in the preceding week. A severe fire at a Warner's New Jersey refinery was reported to have destroyed 5,000,000 to 6,000,000 gallons of gasoline and oil.

Kerosene.—The Eastern seaboard market continued in a quiet position. There has not been very much life in the market, and the tankcar prices continued at 4¾c. to 5c. per gallon for the 41-43 water white material, f.o.b. refinery.

Fuel and Gas Oils.—There was little life in the heavy oils market. Since the reduction in tankcar prices for gas and fuel oils a week ago buyers were operating very conservatively. Bunker oil and Diesel oil moved through marine channels in a quiet way at unchanged prices.

Lubricating Oils. — The Pennsylvania bright stocks market was not very strong, but was posted by refiners at the unchanged level of 18c. per gallon, including tax. The neutrals and cylinder oils were in fair request, but there were no changes in price reported.

Outputs and Quotas

A comparison of Bureau of Mines calculations for October productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended October 8, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma	323,600	428,000	450,400
Kansas	163,400	163,400	154,700
Texas	1,359,000	†1,687,619	1,242,150
Louisiana	248,400	260,470	270,650
Arkansas	54,100	.....	55,350
Eastern	148,400	.....	190,150
Michigan	53,900	.....	53,600
Wyoming	69,700	.....	49,950
Montana	13,800	.....	14,000
Colorado	4,300	.....	3,450
New Mexico	109,200	103,800	103,550
California	619,000	‡615,000	661,400
Totals	3,366,800	.....	3,249,350

* These are Bureau of Mines' calculations of the demand for domestic crude oil based upon certain premises outlined in its detailed forecast for the month of October. As demand may be supplied either from stocks or from new production, contemplated withdrawals from crude oil stocks must be deducted from the Bureau's estimate of demand to determine the amount of new crude oil to be produced.

† Base allowable effective October 1. Saturday and Sunday shut-downs effective through October 23. Calculated net 7-day allowable for week ended Saturday morning, October 8, approximately 1,252,104 barrels daily.

‡ Recommendation of Central Committee of California Oil Producers.

Crude Oil Price Changes

Central West

Effective October 13, Ohio Oil Company posted the following prices for crude purchased at the wells:—Lima, 90c. per barrel; Illinois, $1.05 per barrel; Illinois Basin, $1.15 per barrel; Princeton, $1.05 per barrel, and Western Kentucky (Owensboro), $1.10 per barrel. These prices represent reductions of 10c. to 35c. per barrel.

East Texas

Humble Oil & Refining Company reduced posted prices for East Texas crude 15c. per barrel to the basis of $1.10 per barrel, effective October 11.

Gulf Coast

Humble Oil & Refining Company reduced Goose Creek, Sugarland, West Columbia and other Gulf Coast crudes to the basis of 79c. per barrel for below 20 gravity with a 3c. differential for each degree of gravity up to 26-26.9 at 97c. per barrel and a 2c. differential for each degree of gravity thereafter up to $1.28 per barrel for 40 and above.

Louisiana-Arkansas

Stanolind Oil & Gas Company reduced posted crude prices at Caddo to 73c. per barrel for below 25 gravity and a 2c. differential for each additional degree of gravity up to $1.05 per barrel for 40 and above.

Midcontinent

Humble Oil & Refining Company, Stanolind Oil Purchasing Company, H. F. Wilcox Oil & Gas Company reduced posted prices 20c. per barrel effective October 11. The new schedule is based at 78c. per barrel for oil below 25 gravity with 25-

—*Continued on page 62*

The State of the Petroleum Market

Crude oil prices were reduced in Oklahoma, Kansas, East, West and Central Texas, Gulf Coast, Louisiana, Rocky Mountain, New Mexico and the Central Western fields.

	Oct. 14	Oct. 7	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.148	$1.211	$1.362
Gasoline prices at refineries (at four refining centers) per gallon	.0484375	.0484375	.056875

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Fertilizer Materials

Buyers Inattentive to Current Offerings—Price Movements Unimportant—September Tag Sales in South Above Last Year—Midwest Sales Were Lower

Buyers of fertilizer materials were indisposed toward any interest in last week's offerings. With the exception of the small dry mixers who do not come into the market until later in the season, the trade has covered on its estimated needs of basing materials and because of the gloomy outlook the buyers are unwilling to augment their present commitments. Last week's market was perhaps slower than any week so far this Fall.

Prices were trendless and the changes of the week were few and unimportant.

Fertilizer tag sales in September were reported by the National Fertilizer Association as having accounted for 223,972 equivalent tons, according to the records from 17 States. This figure compared with 225,975 tons in September, 1937. A small increase was recorded in the South with seven of the twelve States in the group reporting larger sales than September a year ago. The sharpest drop took place in Texas. In the mid-west, where September is one of the peak months of the year, sales were 5 percent under September a year ago. Total sales for the first nine months of the year were 12 percent smaller than those for the first nine months of 1937. The accompanying table shows sales for September, a comparison with September for the past two years and comparative data for the January-September period.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Fish meal, menhaden, Balto., $1 per ton.

Nitrogenous material, import., 5c. per unit-ton.

Reduced

Tankage, dom., feed grade, Chicago, 5c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The market was entirely lacking in new developments last week. There has been very little interest in ordering shipments against contracts and the current movement from port warehouses is light. Prices continued in an unchanged and steady position at the schedule.

Sulphate of Ammonia.—While the spot supply situation continued tight, steel mill operations have broadened further and last week's estimated operating rate of 51.4 percent of capacity was the highest since October 25, 1937. The October price for material in bulk is $27.25 per ton for car load lots, f.o.b. cars at nearest Atlantic or Gulf ports and/or $1 per ton cheaper f.o.b. cars at nearest inland producing oven, which ever is lower to destination.

Dried Blood.—Local suppliers have not yet been able to find buyers at $3 per unit but are firm in their demands for that figure. While there is not much buying interest, the bids in the market were closer to the $3 basis than they were a week ago. The Chicago market was quoted at $3 per unit with some holders willing to accept $2.95 per unit. Imported material continued in a nominal position at $3.10 to $3.20 per unit.

Fish Scrap.—A small part of the Chesapeake fleet is still understood to be operating but the catches continue small. There has been no direct business done for the past week or so. The fishermen are far behind on the deliveries against commitments as the fishing this season was perhaps the poorest in the past ten or twelve years. Domestic menhaden meal was raised $1 per ton at Baltimore last week with $49 per ton named for carload lots. The importers of Japanese sardine meal were firm in their quotations at $44 per ton for spot material or for shipment, basis c.i.f. However, Baltimore reported some quotations of $43.50 per ton.

Nitrogenous Material.—The imported product was now quoted at $2.65 per unit, an advance of 5c, and, in some directions the best quotation available was $2.75 per unit. There has been no change in the position of the domestic market and there is very little buying interest reported.

Tankage.—Some unground material in New York sold at $2.85 and 10c. per unit-ton last week; ground was offered at the same figure. The fertilizer grade in Chicago was available at $2.60 and 10c. per unit-ton against former quotations of $2.65 and 10c. per unit-ton. The feeding grade in Chicago was $3 and 10c. per unit-ton.

Potashes

The potash materials market was lacking in developments worthy of comment last week. Prices have been at list since the first of the month when the 5 percent discount offering expired. There has been very little new business booked since the early part of the Summer when the larger discounts were in effect. According to the Department of Commerce reports, imports of potash materials in August totaled 27,908 long tons against 69,094 tons in August last year; imports for the first eight months of the year totaled 147,328 long tons against 356,668 tons in the same months of last year. Exports in August totaled 8,443 long tons against 5,581 tons in August last year; and exports for the first eight months of this year totaled 45,847 long tons against 62,155 tons in the same months of 1937.

Phosphates

The superphosphate manufacturers were not able to move much material against contracts and it was reported that manufacturing operations have been curtailed. As reported in the late market summary of last week's issue, imported precipitated dicalcium phosphate was advanced in price but there have been no open changes elsewhere in the bone products list.

Bone Materials.—The importers of precipitated dicalcium phosphate offered the material at 80c. per unit against a former price of 77c. per unit which had been available under the favor of currency exchange rates. Domestic 4½ and 50 raw bone was firm at $28.50 to $29 per ton, c.i.f. Atlantic ports. Imported 4½ and 50 material was not of-

Fertilizer Tag Sales, September

	Equivalent tons*							
	September				January-September			
South—	P.C. of 1937.	1938.	1937.	1936.	P.C. of 1937.	1938.	1937.	1936.
Virginia†	106	50,311	47,513	39,529	93	370,272	398,683	337,024
North Carolina	119	19,433	16,350	18,800	90	1,022,979	1,140,568	962,235
South Carolina	101	6,781	6,700	4,582	86	633,970	739,146	587,074
Georgia	117	986	845	2,198	83	701,269	846,134	658,764
Florida†¶	114	36,741	32,240	55,380	92	345,341	376,277	338,582
Alabama	184	2,950	1,600	3,050	85	524,950	619,260	465,150
Mississippi	259	1,200	464	633	92	299,836	324,249	233,366
Tennessee†	81	7,274	8,940	7,295	91	120,451	132,058	102,238
Arkansas‡	59	650	1,100	150	94	63,500	67,575	44,656
Louisiana†	76	7,280	9,626	7,920	92	132,502	143,478	101,681
Texas†	35	2,976	8,525	5,435	90	75,098	83,502	58,871
Oklahoma	68	755	1,115	850	116	7,835	6,740	5,855
Totals, South	102	137,337	135,018	145,822	88	4,298,003	4,877,670	3,895,496
Midwest—								
Indiana	84	31,006	36,913	58,850	86	233,052	271,808	242,430
Illinois	86	3,380	3,931	1,320	91	38,792	42,527	25,665
Kentucky	96	8,808	9,150	12,615	98	106,356	108,535	85,340
Missouri	103	32,986	31,900	34,825	89	67,951	76,614	87,027
Kansas	115	10,455	9,063	4,437	121	17,917	14,867	9,265
Totals, Midwest	95	86,635	90,957	112,047	90	464,068	514,351	449,727
Grand totals	99	223,972	225,975	257,869	88	4,762,071	5,392,021	4,345,223

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 38,350 tons of cottonseed meal for January-September combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

¶ Includes 25,448 tons of phosphatic and lime materials for January-September, 1938.

(Compiled by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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fered around the local market last week.

Superphosphate.—Prices in the Baltimore market continued unchanged. The demands against contract have been very small and it is understood that production has been curtailed. There has been no reaction to the recently lowered cost of sulphur on contract renewals.

Sulphur and Pyrites

Sulphur suppliers reported a heavy response from consuming industries to the new low prices that are offered on new contracts. The new price basis at the mines, as announced by a leading producer a week ago, is $16 per long ton; the seaboard price is $20.50 per ton.

Markets at Other Centers

Atlanta, Oct. 13.—No change in the fertilizer material market status was noted during recent days. No buying is expected to develop until further development of the cotton crop outlook occurs. The market price for cotton lint continues higher than the price at which the federal agencies have pegged it. Discontent on the part of both cotton and tobacco growers, over prices and acreage allotment, is making the outlook for the farmer's election on the continuance of the AAA program a matter of uncertainty, to say the least. All this is entering into the agricultural outlook of the South and the fertilizer manufacturer's outlook as well.

Fertilizer material prices are showing very ltitle change and quotations of leading materials are as follows, on this market:

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

NITRATE OF SODA.—Bulk, $27 per ton, port basis.

SULPHATE OF AMMONIA.—$27.25 per ton, port basis; $26.25 producing points.

COTTONSEED MEAL.—Eight percent grade, $22 to $23 per ton, interior mills.

NITROGENOUS.—Foreign, $2.60 to $2.65, port basis.

BLOOD.—$2.95 to $3.05 per unit, basis Chicago.

TANKAGE.—$2.50 to $2.70 and 10c. per unit, basis Chicago.

BONE.—Ground, steamed 3 and 50, $24 to $26 per ton, basis Chicago.

Baltimore, Oct. 13.—The market for crude fertilizer materials has not shown any pick-up so far this Fall, with buying interest still low and transactions limited. Manufacturers of mixtures proceed cautiously because of the uncertain outlook. The current quotations are about as follows:—

FISH SCRAP.—Some of the fish factories are finding the present season so unprofitable and discouraging that they are inclined to withdraw boats two weeks earlier than usual. Some plants down the Chesapeake Bay still continue operations. The Japanese market for sardine meal is very firm, quoted at $43.50 to $44 per ton c.i.f. and with offerings not at all plentiful. It is understood here that a good deal of material has been shipped to Germany. The prices for menhaden meal have advanced slightly, being quoted at $49 to $50 per ton, f.o.b. shipping point for November-December forwardings.

TANKAGE.—$2.75 and 10c. quoted for unground and $2.90 and 10c. per unit-ton for high-grade ground stocks, f.o.b. shipping point.

BLOOD.—$3 per unit-ton.

SUPERPHOSPHATE.—The producers still adhere to the quotations of $7.50 per ton for run of pile and of $8 per ton for 16 percent milled and screened stocks, c.a.f. basis Baltimore.

BONE.—3 and 50 ground steamed, $24 per ton; 5 and 40, $27 per ton, for shipment c.i.f. port.

Chicago, Oct. 13.—The general fertilizer materials market is still holding quiet and about unchanged in actual ruling prices for representative grades. Buyers have placed their orders for material on a basis suggesting they are willing to continue market participation on a modest basis, while not being willing to take a too speculative attitude. Blood is holding its own. Tankage shows no important change, moving to buyers fairly well. Bone materials are rather quiet and dull.

BLOOD.—Principal grade, $2.95 to $3.05 per unit of ammonia.

TANKAGE.—High grade, ground, $2.50 to $2.60 and 10c.; low grade, $18 to $20; hoof meal, $2.50 to $2.65; liquid stick, $1.75 to $2.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $21; 3 and 50 percent, $24 to $26; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $40 to $50; cattle jaws, skulls and knuckles, $18 to $19; pork cracklings, soft pressed, $40 to

—*Continued on page* 63

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ARSENOUS, REFD—200 cs, Mitsui & Co, Nankai, Yokohama
CRESYLIC—135 dms, Monsanto Chem Co, Scythia, Liverpool
1 cs, B & O R R, American Merchant, London
HYDROCHLORIC—1 cs, Mallinckrodt Chem Works, Peter Maersk, Manila
STEARIC—2 bgs, Yardley & Co, Georgic, London
187 bgs, M J Corbett & Co, Statendam, Rotterdam
AGAR AGAR—5 cs, Wood & Selick, Nankai, Kobe
20 bls, T M Duche & Sons, Morviken, Yokohama
ALBUMEN, HEN, EGG—28 cs, Consumers Import Co, Nankai, Tientsin
28 cs, Consumers Import Co, Peter Maersk, Shanghai
33 cs, Paul A Dunkel & Co, Peter Maersk, Shanghai
ALOE—9 cs, S B Penick & Co, Steel Ranger, Aden
ALUMINUM, POWD—20 dms, 2,288 lbs, T D Downing & Co, Hamburg, Hamburg
AMMONIA, CRYST — 1 ck, Yardley & Co, American Merchant, London
PERCHLORATE—6 cs, 1,513 lbs, Hamburg, Hamburg
ANISE—24 bgs, 2,640 lbs, Hamburg, Hamburg
63 bgs, Mexico, Vera Cruz
ANTIMONY, ORE—617 bgs, Bank of London South America, Santa Clara, Antofagasta
ARCHIL, LIQUID—1 ck, C H Reisig, Georgic, London
ARSENIC—1 cs, L J Buck, Hamburg, Hamburg
ARTIST'S MATERIAL—3 cs, Favor Ruhl & Co, American Merchant, London
ASBESTOS—50 bgs, Raw Asbestos Co, American Merchant, London
14 bgs, Roma, Genoa
500 bgs, Chase National Bank, Seuzaple, Leningrad
FIBER—8 bgs, O Gerdau Co, Phemius, Point Sanson
ORE—134 bgs, Booth American Shipping Co, Phemius, Singapore
ASPHALT, MINERAL—325 bgs, Central Commercial Co, Seatrain New York, Havana
BABASSU KERNELS—4,832 bgs, General Food Corp, Cape Howe, Parnahyba
BARBASCO ROOT—89 bls, Venzamer Rotenare Corp, Telamon, Ciudad Bolivar
BARK, MEDICINAL—17 bls, Vulcania, Trieste
10 bls, S B Penick & Co, Vulcania, Trieste
11 bls, Peek & Velsor, Vulcania, Trieste
BARYTES—5 cars, E I du Pont de Nemours Co, Seatrain New York, Havana
BELLADONNA LEAVES—50 bls, 10,857 lbs, Amtorg Trading Corp, Suezaple, Leningrad
BILBERRIES—60 bgs, 6,600 lbs, S B Penick & Co, Hamburg, Hamburg
BIRCH TAR—5 cks, C H Reisig, Georgic, London
BLUE BRONZE—10 dms, Stanley Doggett, Statendam, Rotterdam
BONE PHOSPHATE — 154 bgs, Ashcraft, Wilkinson & Co, Tonsbergfjord, Antwerp
BONES—592 bgs, Santa Paula, Porto Cabello
1 car, Geck Trading Corp, Seatrain New York, Havana
BRISTLES—22 cs, Georgic, London
15 cs, Chesnut, Cooper & Co, President Roosevelt, Southampton
3 bbls, Pilsudski, Gdynia
66 cs, N Wagman Co, Nankai, Dairen
83 cs, Rubberset Co, Nankai, Dairen
130 cs, B C Ritchie & Co, Nankai, Tientsin
142 cs, H Rosenhirsch & Co, Nankai, Tientsin
358 cs, F H Cone & Co, Nankai, Tientsin
66 cs, T J Kane & Co, Nankai, Tientsin
30 cs, Kane Import Co, Nankai, Tientsin
21 cs, Nankai, Tientsin
10 cs, F H Cone & Co, Morviken, Kobe
50 cs, N Wagman Co, City of Elwood, Hongkong
9 cs, Continental Bank Trust Co, American Merchant, London
129 cs, American Merchant, London
200 cs, F H Cone & Co, Peter Maersk, Hongkong
8 cs, Chase National Bank, Peter Maersk, Hongkong
139 cs, H Rosenhirsch Co, Peter Maersk, Hongkong
7 pkgs, F H Cone & Co, Peter Maersk, Shanghai
11 cs, Hughes Autograf Brush Co, Peter Maersk, Shanghai
145 cs, N Wagman Co, Peter Maersk, Shanghai
BRONZE POWDER—16 cs, J T Coates, Berlin, Bremen
15 cs, J T Coates, Bremen, Bremen
CAMPHOR, REFINED—13 cs, Iwai & Co, Morviken, Kobe
CANARY SEED—500 bgs, A G Dunn, Executive, Tekirdag
800 bgs, Executive, Tekirdag
284 bgs, A G Dunn, Western Prince, Buenos Aires
1,158 bgs, Western Prince, Buenos Aires
CARAWAY SEED—100 bgs, 11,000 lbs, M Witsenburg, Noordam, Rotterdam
50 bgs, 5,500 lbs, C M Van Sillevoldt, Noordam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Noordam, Rotterdam
50 bgs, 5,500 lbs, A G Dunn, Noordam, Rotterdam
100 bgs, 11,000 lbs, L Gronowitz, Noordam, Rotterdam
200 bgs, 22,000 lbs, Catz American Co, Tonsbergfjord, Rotterdam
150 bgs, 16,500 lbs, Levy & Levis Co, Statendam, Rotterdam
200 bgs, 22,000 lbs, R L Friedler, Statendam, Rotterdam
500 bgs, 55,000 lbs, Amtorg Trading Corp, Seuzaple, Leningrad
CARDAMOM—6 cs, American Merchant, London
4 cs, Yardley & Co, American Merchant, London
CAROBS—35 cs, A E Freeman, Executive, Larnaca
CASSIA—167 pkgs, B H Old & Co, Phemius, Batavia
292 bls, Sino Java Hvg, Phemius, Padang
172 bls, G L Curtin Co, Phemius, Padang
516 bls, Phemius, Padang
500 bls, Van Loan & Co, City of Elwood, Hongkong
100 bls, B Fischer & Co, City of Elwood, Hongkong
800 bls, Knickerbocker Mills Co, City of Elwood, Hongkong
100 bls, City of Elwood, Hongkong
120 bls, S L Jones & Co, City of Elwood, Hongkong
6 pkgs, Peter Maersk, Hongkong
CASSIA—10 bls, Melchers, Inc, Peter Maersk, Hongkong
500 bls, A G Dunn, Peter Maersk, Hongkong
168 bls, Durkee Famous Foods, Peter Maersk, Hongkong
ROLLS—100 bls, I Harrison & Whitney, Phemius, Hongkong
100 bls, O Gerdau Co, City of Elwood, Hongkong
100 bls, Knickerbocker Mills Co, City of Elwood, Hongkong
CASTOR BEANS—1,700 bgs, Spencer Kellogg & Sons, Cape Howe, Bahia
6,794 bgs, Cape Howe, Bahia
3,400 bgs, Cape Howe, Pernambuco
4,800 bgs, Baker Castor Oil Co, Cape Howe, Fortaleza
1,740 bgs, Cape Howe, Fortaleza
1 pkg, Baker Castor Oil Co, Cape Howe, Fortaleza
1,667 bgs, Cape Howe, Camocin
6,800 bgs, Baker Castor Oil Co, Paraguayo, Pernambuco
3,400 bgs, Baker Castor Oil Co, Paraguayo, Bahia
3,400 bgs, Western Prince, Bahia
CHALK—10 cks, Jungmann & Co, Noordam, Rotterdam
COMMON—1,601 bgs, R L Watkins Co, Georgic, London
PRECIPITATED—80 bgs, Eli Lilly & Co, Georgic, London
100 cks, 120 bgs, H J Baker & Bro, Scythia, Liverpool
CHAMOIS SKINS—6 cs, President Roosevelt, Havre
1 cs, Lewis & Conger, Ile de France, Havre
CHAMOMILE FLOWERS—35 cs, Vulcania, Trieste
10 cs, J L Hopkins & Co, Vulcania, Trieste
SIFTINGS—40 bgs, J L Hopkins & Co, Vulcania, Trieste
CHEMICALS—50 dms, American Cyanamid & Chem Co, Tonsbergfjord, Antwerp
50 cs, 1 bbl, Bergstrom Trading Co, Kungsholm, Gothenburg
5 cs, Ore & Chem Corp, Hamburg, Hamburg
4 cs, Hensel, Bruckmann & Lorbacher, Hamburg, Hamburg
2 cs, Elmer & Amend, Hamburg, Hamburg
13 cks, 10 pkgs, 2 cs, Jungmann & Co, Hamburg, Hamburg
5 cs, 1,338 bgs, 53 cks, 290 crbys, 26 dms, Hamburg, Hamburg
7 cs, Schimmel & Co, Hamburg, Hamburg
50 bbls, E I Du Pont de Nemours & Co, Hamburg, Hamburg
20 cks, Chemical Marketing Co, Statendam, Rotterdam
154 bgs, American Fluoride Corp, Statendam, Rotterdam
30 dms, Richard Chem Works, Statendam, Rotterdam
33 dms, Michel Export Co, Statendam, Rotterdam
9 cks, Chemical Marketing Co, Statendam, Rotterdam
20 cs, Advance Solvents & Chem Co, Statendam, Rotterdam
4 cs, Statendam, Rotterdam
30 bgs, 56 bbls, Innis, Speiden & Co, Pilsudski, Gdynia
19 cks, Geigy Co, Ile de France, Havre
10 dms, Pfaltz & Bauer, Berlin, Bremen
125 cks, E M Sergeant Pulp & Chem Co, Berlin, Bremen
755 bgs, 25 cks, Berlin, Bremen
1 cs, Van Ameringen Haebler, Bremen, Bremen
1 cs, Bremen, Bremen
1 cs, Elmer & Amend, American Merchant, London
1 cs, Mallinckrodt Chem Works, American Merchant, London
20 cks, Pennland, Antwerp
CHINA CLAY—390 bgs, Whittaker, Clark & Daniels, Noordam, Rotterdam
CINCHONA PRODUCTS—170 cs, R W Greeff & Co, Statendam, Rotterdam
CLAY—300 bgs, W Manley, Hamburg, Hamburg
250 bgs, Reichard-Coulston, Hamburg, Hamburg
COALTAR DERIVATIVES—12 dms, General Aniline Works, Statendam, Rotterdam
INTERMEDIATES—27 cks, 20 dms, General Aniline Works, Noordam, Rotterdam
44 dms, General Dyestuff Corp, Noordam, Rotterdam
5 cks, Sandoz Chem Works, Hamburg, Hamburg
119 dms, General Aniline Works, Statendam, Rotterdam
7 dms, 4 cks, 1 cs, General Dyestuff Corp, Bremen, Bremen
COCHINEAL—5 bgs, Georgic, London
71 bgs, W R Grace & Co, Santa Clara, Callao
COCOA BEANS—310 bgs, National City Bank, Cape Howe, Itacoatiara
100 bgs, Cape Howe, Itacoatiara
40 bgs, National City Bank, Cape Howe, Para
500 bgs, Noordam, Rotterdam
1,565 bgs, Cie Franc de l'Afrique Occid, West Humhaw, Lagos
1,453 bgs, Afram Trading Corp, West Humhaw, Lagos
3,854 bgs, Standard Bank South Africa, West Humhaw, Lagos
960 bgs, E J Schwabach & Co, West Humhaw, Lagos
659 bgs, E J Schwabach & Co, West Humhaw, Winneba
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5,280 bgs, Standard Bank South Africa, New Toronto, Accra
2,000 bgs, Nieschlag & Co, Rio Negro, Ilheos
COCOA BEANS—1,000 bgs, Bankers' Trust Co, Rio Negro, Ilheos
3,000 bgs, Nieschlag & Co, Rio Negro, Bahia
COCONUTS—75 bgs, 7,500 lbs, Universal Import & Export Co, San Jacinto, Mayaguez
330 bgs, 33,000 lbs, Standard Fruit Co, Amapala, La Ceiba
60 bgs, 6,000 lbs, H L Daurheim, Borinquen, San Juan
62 bgs, 6,200 lbs, Simons & French, Borinquen, San Juan
81 bgs, 8,100 lbs, P R Fruit Exchange, Borinquen, San Juan
2,152 bgs, 215,200 lbs, General Food Corp, Musa, Kingston
650 bgs, 65,000 lbs, I L Toledano Corp, Veragua, Kingston
300 bgs, 30,000 lbs, J A Manton, Veragua, Kingston
COCONUT, DESIC—500 cs, Wilbur Ellis Co, Nankai, Davao
2,000 bgs, 513 cs, General Food Corp, City of Elwood, Manila
3,573 bgs, 2,119 cs, General Food Corp, Peter Maersk, Manila
1,400 cs, Dodwell & Co, Friesland, Manila
3,000 cs, General Food Corp, Friesland, Manila
COLORS—1 cs, General Aniline Works, Statendam, Rotterdam
58 bbls, Fulton Dye Import Co, Ile de France, Havre
100 cs, American Dyewood Co, Ile de France, Havre
50 cks, Reichard-Coulston, Berlin, Bremen
ARTIST'S—6 cs, Artists Brush & Color Corp, American Merchant, London
EARTH—40 cks, Farzandie & Sperrle, Hamburg, Hamburg
60 cks, American Dyewood Co, Hamburg, Hamburg
5 bbls, C Happel, Hamburg, Hamburg
PIGMENT — 1 cs, General Dyestuff Corp, Bremen, Bremen
COLUMBITE ORE—560 bgs, Union Ore Corp, New Toronto, Port Harcourt
COPAIBA BALSAM—10 cs, Fritzsche Bros, Santa Paula, Cristobel
4 dms, W R Grace & Co, Santa Paula, Cristobal
CORIANDER SEED—848 bls, Vulcania, Trieste
CUMIN SEED—200 bgs, Lind Co, Executive, Larnaca
CUTCH—1,150 bgs, Sig Saxe, Phemius, Singapore
CUTTLEFISH BONES — 100 cs, Vulcania, Trieste
DEXTRIN, POTATO—110 bgs, Stein, Hall & Co, Statendam, Rotterdam
DIACETYL — 2 pkgs, W Fischer, Pilsudski, Copenhagen
DRUGS—1 cs, Georgic, Southampton
3 cs, Wedemann & Godnecht, President Roosevelt, Hamburg
15 cs, S B Penick & Co, American Merchant, London
DYES, ALIZARIN—30 jugs, 12 dms, 20 cks, General Dyestuff Corp, Noordam, Rotterdam
7 cks, General Dyestuff Corp, Bremen, Bremen
ANILIN—3 dms, 1 cs, 101 cks, General Dyestuff Corp, Noordam, Rotterdam
15 dms, Ciba Co, Noordam, Rotterdam
4 dms, Sandoz Chem Works, Hamburg, Hamburg
12 cks, 1 pkg, General Dyestuff Corp, Hamburg, Hamburg
30 dms, 1 cs, Ciba Co, Statendam, Rotterdam
39 cks, Geigy Co, Ile de France, Havre
6 cks, 1 cs, General Dyestuff Corp, Bremen, Bremen
2 bbls, L & R Organic Lab, Pennland, Antwerp
EARTH, SILICIOUS—408 bgs, C B Chrystal & Co, Berlin, Bremen
ELDER FLOWERS—50 bls, 10,956 lbs, Amtorg Trading Corp, Seuzaple, Leningrad
FAT, SOYBEAN—20 bbls, 10,881 lbs, W R Keating & Co, President Roosevelt, Hamburg
FILTER MASS—100 bls, A W Fenton & Co, Berlin, Bremen
PAPER—25 cs, H Reeve Angel & Co, Georgic, London
8 cs, H Reeve Angel & Co, American Merchant, London
FISH SOUNDS—33 bls, Fulton Freight Forwarding Co, Santa Paula, Curacao
FLAXSEED—4,592 tons, 183,680 bus, Bunge North American Grain Co, Tureby, Diamante
2,318 tons, 92,720 bus, Bunge North American Grain Co, Tureby, Ibicuy
3,210,560 kilos, 128,422 bus, Bunge North American Grain Co, Paraguayo, Diamante
5,800 tons, 232,000 bus, Cubano, Buenos Aires
GAMBIER—210 bgs, E E Androvette, Phemius, Singapore
356 bgs, Chase National Bank, Silversandal, Singapore
260 bgs, American Dyewood Co, Silversandal, Asahan
GASOLINE—6 dms, Hughes & Co, Collingsworth, Montevideo
GELATIN—4 cs, L A Consmiller, Noordam, Rotterdam
40 bls, Bank of New York Trust Co, Tonsbergfjord, Antwerp
5 dms, 2 bbls, 5 kegs, 204 bgs, 10 cs, R D McLellan, Statendam, Rotterdam
2 cs, C Happel, Ile de France, Havre
1 cs, G Hirsh Sons, Normandie, Havre
GINGER ROOT—421 bgs, G B Ollivant, West Humhaw, Freetown
1 bg, Mecke & Co, San Juan, Azua
165 bgs, New Toronto, Freetown
GLASS, FLINT—9 cs, Lansen Naeve Co, President Roosevelt, Hamburg
PLATE—2 cs, Semon, Bache & Co, President Roosevelt, Hamburg
WINDOW—15 cs, Paul Wissmach Glass Co, President Roosevelt, Hamburg
4 cs, Semon, Bache & Co, President Roosevelt, Hamburg
2,453 cs, Vitrea Co, President Roosevelt, Hamburg
1 cs, Semon, Bache & Co, Scythia, Liverpool
GLUCONATE SOLUTION—1 cs, E R Squibb & Sons, Silversandal, Manila
GLUE—40 bgs, International Selling Corp, Ile de France, Havre
20 bgs, G H Hemmel, Scythia, Liverpool
HIDE—200 bgs, Vulcania, Trieste
LIQUID—6 bbls, A Hurst & Co, Hamburg, Hamburg
GLYCERIN—1 car, Colgate-Palmolive-Peet Co, Seatrain New York, Havana
70 dms, Anita, Buenos Aires
210 dms, Seuzaple, Leningrad
GRAPHITE—500 bgs, Silversandal, Tamatave
GREASE, SEWAGE—50 dms, Scythia, Liverpool
WOOL—26 cks, 6 bbls, Titan Shipping Co, Berlin, Bremen
GUM—6 cs, S B Penick & Co, American Merchant, London
6 cs, 1 kg, 2 dms, American Merchant, London
ARABIC—75 bgs, France, Campbell & Darling, Marwarri, Port Sudan
425 bgs, S B Penick & Co, Marwarri, Port Sudan
450 bgs, Marwarri, Port Sudan
BENZOIN—1 cs, H P Winter & Co, Phemius, Padang
CHICLE—218 bls, Chicle Development Co, Pastores, Puerto Barrios
COPAL—400 bgs, Gerolstein, Antwerp
65 bgs, 503 bskts, O G Innes Corp, Silversandal, Macassar
212 bskts, Van Norden & Archibald, Silversandal, Macassar
157 bskts, Gillespie-Rogers-Pyatt Co, Silversandal, Macassar
222 bskts, France, Campbell & Darling, Silversandal, Macassar
61 bskts, Stroock & Wittenberg, Silversandal, Macassar
182 bgs, G W S Patterson & Co, American Merchant, London
DAMMAR—100 cs, American Cyanamid & Chem Co, Phemius, Batavia
200 cs, Chase National Bank, Silversandal, Batavia
280 bgs, O G Innes Corp, Silversandal, Batavia
70 bgs, G W S Patterson & Co, Silversandal, Singapore
168 bgs, S Winterbourne & Co, Silversandal, Singapore
210 bgs, Stroock & Wittenberg, Silversandal, Singapore
140 bgs, 25 cs, France, Campbell & Darling, Silversandal, Singapore
70 bgs, Gillespie-Rogers-Pyatt Co, Silversandal, Singapore
ELEMI—135 cs, American Cyanamid & Chem Co, Phemius, Manila
LOCUST—20 bgs, Scythia, Liverpool
60 bgs, Stein, Hall & Co, Executive, Limassol
80 bgs, Guaranty Trust Co, Executive, Limassol
NIGER—210 bgs, Chicle Development Co, West Humhaw, Lagos
PERILLA—36 bls, Chicle Development Co, Santa Paula, Cristobal
TRAGACANTH—10 cs, D Abondi, Tonsbergfjord, London
88 bgs, E Meer & Co, American Merchant, London
1,058 bgs, Amtorg Trading Corp, Seuzaple, Leningrad
GYPSUM—4,250 tons, U S Gypsum Co, Gypsum Empress, Windsor
ROCK—2,200 tons, National Gypsum Co, Sekstant, Dingwall
HELLEBORE ROOT—8 bls, Vulcania, Dubrovnik
HENNA LEAVES—1 cs, Yardley & Co, Georgic, London
HERBS, MEDICINAL—32 bls, Peek & Velsor, Gerolstein, Antwerp
10 bls, S B Penick & Co, Gerolstein, Antwerp
196 bls, S B Penick & Co, Gerolstein, Antwerp
196 bls, S B Penick & Co, Noordam, Rotterdam
1 bg, Elmer & Amend, Hamburg, Hamburg
1 pkg, P H Petry & Co, Vulcania, Trieste
14 bls, Peek & Velsor, Vulcania, Trieste
33 bls, Allaire, Woodward & Co, Vulcania, Trieste
73 bls, Vulcania, Trieste
HOPS—40 bls, R F Downing & Co, Vulcania, Trieste
170 bls, Atlantic Forwarding Co, Noordam, Rotterdam
4 bls, Atlantic Forwarding Co, Hamburg, Hamburg
20 bls, R F Downing & Co, Hamburg, Hamburg
100 bls, Bode & Voight, Hamburg, Hamburg
1 cs, Globe Shipping Co, Hamburg, Hamburg
16 bls, Heemsoth Kerner Corp, President Roosevelt, Hamburg
40 bls, Globe Shipping Co, President Roosevelt, Hamburg
200 bls, J I Haas, President Roosevelt, Hamburg
3 bls, J Sonnenscheim Hop Corp, President Roosevelt, Hamburg
50 bls, Atlantic Forwarding Co, President Roosevelt, Hamburg
25 bls, Heemsoth Kerner Corp, Pilsudski, Gdynia
6 bls, J Sonnenscheim Hop Corp, Pilsudski, Gdynia
20 bls, J I Haas, Pilsudski, Gdynia
180 bls, R F Downing & Co, Pilsudski, Gdynia
40 bls, Pilsudski, Gdynia
175 bls, Atlantic Forwarding Co, Vulcania, Trieste
30 bls, New York Trust Co, Vulcania, Trieste
HOREHOUND HERBS—12 bls, P H Petry & Co, Vulcania, Trieste
INK, WRITING—61 cs, American Express Co, Georgic, London
IPECAC ROOT—10 bgs, Sharp & Dohme, Berlin, Bremen
IRISH MOSS—10 bgs, Ile de France, Havre
IRON ORE—1 crt, American Express Co, Phemius, Manila
OXIDE—20 cks, T H Deutz, Statendam, Rotterdam
ISINGLASS—20 cs, Georgic, London
10 cs, C H Reisig, Georgic, London
20 cs, American Merchant, London
10 cs, National Carloading Co, American Merchant, London
MACE—23 cs, B H Old & Co, Phemius, Batavia
MAGNESITE, CALCINED—40 dms, Speiden, Whitfield Co, Statendam, Rotterdam
MAGNEY ROOT—1 bg, Peek & Velsor, Borinquen, San Juan
MANGANESE METAL—2 cs, Anglo-American Metal & Ferro Alloy Corp, Tonsbergfjord, Rotterdam
MANGROVE BARK EXTRACT—1,000 bgs, Silversandal, Singapore
3,373 bgs, Philippine Cutch Corp, Peter Maersk, Zamboanga
MATCHES, SAFETY—2,620 conts, N Y Match Co, Kungsholm, Gothenburg
6,286 cs, Chase National Bank, Seuzaple, Leningrad
MATE—15 cs, Western Prince, Buenos Aires
MEDICINAL PREPS—2 cs, Italian Drug Import Co, Roma, Genoa
10 cs, Burroughs-Wellcome & Co, Georgic, London
2 cs, Ile de France, Havre
19 cs, G J Wallau, Ile de France, Havre
MENTHOL—50 cs, Kachurin Drug Co, Morviken, Kobe
70 cs, Bridges, Neumer & Co, Peter Maersk, Shanghai
MICA—27 cs, American Merchant, London
FILM—7 cs, Steel Ranger, Calcutta
SPLITTINGS—80 cs, Steel Ranger, Calcutta

MICA SPLITTINGS—57 cs, Gillespie, Rogers, Pyatt Co, Marwarri, Calcutta
100 cs, Marwarri, Calcutta
MOLASSES—350,000 kilos, W R Grace & Co, Santa Clara, Supe
MURU MURU KERNELS—2,880 bgs, General Food Corp. Cape Howe, Para
MUSTARD SEED—150 bgs, Noordam, Rotterdam
948 bgs, Barber S S Line, Morviken, Yokohama
300 bgs, American Merchant, London
NAPHTHALENE—10,000 bgs, 1,111,000 lbs, Seuzaple, Leningrad
NICOTINE SULPHATE—20 cks, 5,238 lbs, Amtorg Trading Corp, Seuzaple, Leningrad
NUTGALLS—252 bgs, Continental Bank & Trust Co, Morviken, Kobe
NUTMEGS—412 bgs, Phemius, Padang
OIL, ABIES—2 dms, Magnus, Mabee & Reynard, Morviken, Kobe
ANISE STAR—4 dms, Hamburg, Hamburg
CASSIA — 10 dms, Melchers, Inc, Peter Maersk, Hongkong
5 dms, Magnus, Mabee & Reynard, Peter Maersk, Hongkong
10 dms, Bingham & Co, Peter Maersk, Canton
CHIAWOOD—54 dms, Wah Chang Trading Corp, Peter Maersk, Hongkong
225 dms, National City Bank, Peter Maersk, Hongkong
CITRONELLA—11 dms, E De Witt Osborn, Marwarri, Colombo
COCONUT—300 tons, Wecoline Prod, Inc, Silversandal, Cebu
847 tons, Philippine Refining Corp, Silversandal, Cebu
299 tons, Welcoline Prod, Inc, Peter Maersk, Cebu
317 tons, Philippine Refining Corp, Peter Maersk, Manila
720 tons, Spencer Kellogg & Son, Peter Maersk, Manila
530 tons, Peter Maersk, Manila
COD—300 cks, Balfour, Guthrie & Co, Kungsholm, Gothenburg
500 cks, J D Irwin & Co, Kungsholm, Gothenburg
300 dms, T T Pergement, President Roosevelt, Hamburg
COTTONSEED—Quantity, West Texas Cotton Oil Co, Western Prince, Santos
ESSENTIAL—7 dms, Pastores, Puerto Barrios
11 cs, Noordam, Rotterdam
9 cs, Tonsbergfjord, Rotterdam
6 cs, Georgic, London
5 cs, Georgic, Southampton
4 dms, 3 cs, 20 kegs, Hamburg, Hamburg
2 cs, Statendam, Rotterdam
29 pkgs, President Roosevelt, Havre
81 pkgs, Ile de France, Havre
15 cs, 1 ck, Normandie, Havre
9 cs, Bremen, Bremen
8 cs, American Merchant, London
EUCALYPTUS—25 cs, Geo Luedere & Co, City of Delhi, Melbourne
26 dms, Orbis Product Corp, City of Delhi, Melbourne
FISH LIVER—90 dms, Sasabe & Co, Nankai, Kobe
FUEL—20 dms, Standard Oil Co of N J, Santa Paula, Curacao
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
30 dms, E L Wynne, Western Prince, Buenos Aires
GERANIUM—1 ck, 2 tins, French Line, Steel Ranger, Port Said
10 dms, Silversandal, Pointe des Galets
2 bbls, Givaudan-Delawanna, Ile de France, Havre
LIME—17 dms, Dodge & Olcott Co, Western Prince, Trinidad
LUBRICATING—5 dms, Socony Vacuum Oil Co, Bremen, Bremen
MINERAL—90 dms, Hamburg, Hamburg
OITICICA—1 dm, Cape Howe, Parnahyba
247 dms, Cape Howe, Joao, Pessoa
1 pkg, I Herman, Cape Howe, Fortaleza
1 pkg, Wessel, Duval & Co, Cape Howe, Fortaleza
221 dms, Cape Howe, Fortaleza
1 pkg, Brazil Oiticica, Ltd, Cape Howe, Fortaleza
OLIVE—2,875 cs, 10 dms, Roma, Genoa
35 cks, A Marfat, Vulcania, Trieste
150 dms, Leghorn Trading Co, Vulcania, Patras
75 dms, Bank of Greece, Vulcania, Patras
166 cs, Vulcania, Palermo
ORANGE—14 cs, Citrus & Allied Co, Borinquen, San Juan
5 dms, New Toronto, Freetown
PALM—1,573,709 kilos, Balfour, Guthrie & Co, West Humhaw, Matadi
35 dms, I R Boody & Co, Statendam, Rotterdam
25 dms, Welch, Holme & Clark, Scythia, Liverpool
50 cks, Balfour, Guthrie & Co, New Toronto, Lagos
PEANUT—50 dms, Noordam, Rotterdam
PERILLA—216 tons, Pacific Vegetable Oil Corp, Morviken, Dairen
PETITGRAIN—50 cs, W R Grace & Co, Paraguayo, Buenos Aires
RAPESEED—100 dms, Balfour, Guthrie & Co, Morviken, Nagoya
ROSE—1 cs, Geo Luedere & Co, Ile de France, Havre
ROSEWOOD—15 dms, Cape Howe, Fortaleza
SAGE—5 bbls, Vulcania, Trieste
14 cs, Dodge & Olcott Co, Vulcania, Trieste
TEASEED—100 dms, Importers Comm Co, City of Elwood, Hongkong
100 dms, Welch, Holme & Clark, City of Elwood, Hongkong
400 dms, Leghorn Trading Co, City of Elwood, Hongkong
1,122 dms, City of Elwood, Hongkong
100 dms, Leghorn Trading Co, Peter Maersk, Hongkong
130 dms, Arnhold & Co, Peter Maersk, Shanghai
54 dms, Balfour, Guthrie & Co, Peter Maersk, Shanghai
VEGETABLE—50 dms, W R Grace & Co, Morviken, Kobe
50 dms, Arkansas Co, City of Elwood, Hongkong
YLANG YLANG—1 bbl, Givaudan Delawanna, Ile de France, Havre
OPIUM—64 cs, Mallinckrodt Chemical Works, Georgic, Southampton
158 cs, Georgic, Southampton
122 cs, New York Quinine & Chemical Works, American Merchant, London

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ORANGE PEEL—5 bls, J L Hopkins & Co, Vulcania, Trieste
ORRISROOT—2 cks, Yardley & Co, American Merchant, London
PALMKERNELS — 54 bgs, Standard Bank South Africa, New Toronto, Takoradi
PAPRIKA—75 bgs, 8 cs, Vulcania, Trieste
PARAFFIN—2 cs, Eimer & Amend, Hamburg, Hamburg
PATCHOULI LEAVES—2,160 bls, Premier Peatmoss Corp, Statendam, Rotterdam
PEATMOSS—300 bls, Halfmoon Manufacturing & Trading Co, Noordam, Rotterdam
200 bls, Hamburg, Hamburg
400 bls, Premier Peatmoss Corp, President Roosevelt, Hamburg
600 bls, Berlin, Bremen
6,318 bls, Seuzaple, Leningrad
PEPPER—20 bgs, American Merchant, London
BLACK—400 bgs, Bank of New York Trust Co, Silversandal, Oosthaven
473 bgs, C M Loeb Rhoades & Co, Silversandal, Oosthaven
243 bgs, Royal Bank of Canada, Silversandal, Oosthaven
4,517 bgs, Silversandal, Oosthaven
PERFUMERY SYN—6 cs, Firmenich & Co, Hamburg, Hamburg
PETROLEUM, CRUDE—71,987 bbls, Barber Asphalt Corp, Atlas, Curacao
30 dms, Universal Oil Prod Co, Collingsworth, Montevideo
DERIVATIVE—50 dms, Hamburg, Hamburg
PIMENTO—2 bgs, P Vischer, Veragua, Kingston
160 bgs, Mincing Trading Corp, Veragua, Kingston
50 bgs, J A Manton, Veragua, Kingston
100 bgs, Veragua, Kingston
PIMPINELLA ROOT—4 bls, P H Petry & Co, Vulcania, Trieste
PITCH—3 cs, City of Delhi, Melbourne
PLASTER, ROCK—2,300 tons, Newark Plaster Co, Evviva, Hillsboro
POPPYSEED—100 bgs, 11,000 lbs, Witsenburg, Noordam, Rotterdam
500 bgs, 55,000 lbs, C M Van Sillevoldt, Noordam, Rotterdam
200 bgs, 22,000 lbs, Levy & Levis Co, Noordam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Noordam, Rotterdam
100 bgs, 11,000 lbs, A G Dunn, Noordam, Rotterdam
75 bgs, 8,250 lbs, Noordam, Rotterdam
100 bgs, 11,000 lbs, Wagner Bros, Noordam, Rotterdam
100 bgs, 11,000 lbs, Archibald & Kendall, Noordam, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Tonsbergfjord, Rotterdam
530 bgs, 58,300 lbs, Catz American Co, Tonsbergfjord, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Statendam, Rotterdam
1,000 bgs, 110,000 lbs, S H Cramer & Co, Pilsudski, Gdynia
100 bgs, 11,000 lbs, Julius Loewith, Pilsudski, Gdynia
900 bgs, 99,000 lbs, Superintendence Co, Pilsudski, Gdynia
400 bgs, 44,000 lbs, M Witsenburg, Pilsudski, Gdynia
800 bgs, 88,000 lbs, Levy & Levis Co, Pilsudski, Gdynia
POTASH BISULPHATE—1 ck, Eimer & Amend, Hamburg, Hamburg
CHLORATE—1,300 dms, 311,740 lbs, Uniform Chem Product, Hamburg, Hamburg
PERCHLORATE—3 cs, 743 lbs, Hamburg, Hamburg
PRUSSIATE—20 cks, Statendam, Rotterdam
SILICATE—1 ck, Eimer & Amend, Hamburg, Hamburg
SULPHATE—1,650 bgs, N V Potash Export Mij, President Roosevelt, Hamburg
PYRETHRUM FLOWERS—125 bls, S B Penick & Co, Morviken, Kobe
250 bls, J Powell & Co, Morviken, Kobe
125 bls, W T Rawleigh Co, Morviken, Kobe
53 bls, Vulcania, Dubrovnik
PYRIDIN—4 dms, E I du Pont de Nemours & Co, Tonsbergfjord, London
QUEBRACHO EXTRACT—1,602 bgs, Tannin Corp, Western Prince, Buenos Aires
QUICKSILVER—120 flks, Mexico, Vera Cruz
QUINCE SEED—60 bgs, D M Hatton & Co, Executive, Larnaca
RAPESEED—50 bgs, Levy & Levis Co, Statendam, Rotterdam
312 bgs, F H Von Damm, Morviken, Otaru
RHUBARB — 16 cs, Melchers, Inc, Peter Maersk, Shanghai
RICE FLOUR—200 bgs, Halfmoon Mfg & Trading Co, Noordam, Rotterdam
ROOT, MEDICINAL—4 bls, 74 bgs, Vulcania, Trieste
14 bls, Peek & Velsor, Vulcania, Trieste
52 bls, Allaire Woodward & Co, Vulcania, Trieste
ROSIN—48 cs, Vulcania, Trieste
SAGE LEAVES—75 bls, Vulcania, Trieste
53 bls, Vulcania, Dubrovnik
462 bls, E E Marks & Co, Vulcania, Dubrovnik
SAGO FLOUR—800 bgs, Silversandal, Singapore
SALTPETER—726 bgs, Berlin, Bremen
227 bgs, Amtorg Trading Corp, Seuzaple, Leningrad
400 bgs, Seuzaple, Leningrad
SANTONIN, CRYST—2 cs, 367 lbs, Amtorg Trading Corp, Seuzaple, Leningrad
SEED, MEDICINAL—17 bgs, Vulcania, Trieste
SENNA LEAVES—7 bls, S B Penick & Co, American Merchant, London
SERUM—11 bxs, Armour & Co, Western Prince, Buenos Aires
SESAME SEED—56 bgs, A G Dunn, Phemius, Hongkong
84 bgs, Phemius, Hongkong
SHELLAC—25 cs, 9 bgs, A Hurst & Co, Statendam, Rotterdam
65 bgs, A Hurst & Co, President Roosevelt, Hamburg
500 bgs, A Hurst & Co, Marwarri, Calcutta
82 bgs, Wm Zinsser & Co, Marwarri, Calcutta
100 bgs, Manufacturers Trust Co, Marwarri, Calcutta
500 bgs, 75 cs, Chase National Bank, Marwarri, Calcutta
500 bgs, 75 cs, E E Androvette, Marwarri, Calcutta
150 bgs, Philadelphia National Bank, Marwarri, Calcutta
850 bgs, 50 cs, Guaranty Trust Co, Marwarri, Calcutta
450 bgs, 50 cs, Marwarri, Calcutta
SEEDLAC—1,300 bgs, Wm Zinsser & Co, Marwarri, Calcutta
450 bgs, Philadelphia National Bank, Marwarri, Calcutta
1,150 bgs, Guaranty Trust Co, Marwarri, Calcutta
500 bgs, Brown Bros, Harriman Co, Marwarri, Calcutta
500 bgs, Bank of London South America, Marwarri, Calcutta
200 bgs, Chase National Bank, Marwarri, Calcutta
400 bgs, Ralli Bros, Marwarri, Calcutta
200 bgs, E E Androvette, Marwarri, Calcutta
SOAP—2 bbls, Rohner, Gehrig & Co, Noordam, Rotterdam
1 cs, Yardley & Co, Georgic, London
5 cs, Sales Factors Corp, Hamburg, Hamburg
4 cs, Ile de France, Havre
35 cs, J E Bernard & Co, American Merchant, London
6 cs, Titan Shipping Co, American Merchant, London
1 cs, D Blagden, American Merchant, London
SOAP MILLINGS—47 cs, Yardley & Co, Georgic, London
21 cs, Yardley & Co, American Merchant, London
SADDLE—50 cs, Solomon & Philips, American Merchant, London
STEARIC ACID—8 cs, Yardley & Co, American Merchant, London
SODA, CYANIDE—150 cs, American Cyanamid & Chem Co, Noordam, Rotterdam
500 dms, American Cyanamid & Chem Co, President Roosevelt, Hamburg
300 cyls, C Hardy, Ile de France, Havre
SOOT DESTROYER—5 cs, Hoole Service Co, American Merchant, London
SPONGES—6 bls, J H Rhodes & Co, Munargo, Nassau
2 bls, Florida Sponge & Chamois Co, Munargo, Nassau
1 bl, Munargo, Nassau
13 bls, Mexico, Havana
REFUSE—3 bls, Munargo, Nassau
SQUILL—200 bgs, Vulcania, Trieste
STARCH, POTATO—200 bgs, American Cyanamid & Chemical Co, Statendam, Rotterdam
STROPHANTHUS SEED—4 cs, Eli Lilly & Co, Georgic, London
TANKAGE—2,000 bgs, Paraguayo, Montevideo
1,016 bgs, Hazelside, Santos
750 bgs, National City Bank, Anita, Buenos Aires
3,452 bgs, Anita, Buenos Aires
2,455 bgs, Anita, Montevideo
TANTALITE—30 bgs, Gallagher & Ascher, Phemius, Singapore
30 bgs, Booth American Shipping Co, Phemius, Singapore
TAPIOCA FLOUR—500 bgs, Stein, Hall & Co, Phemius, Batavia
550 bgs, Rutger, Bleecker & Co, Phemius, Batavia
257 bgs, Java American Export Co, Phemius, Batavia
3,210 bgs, Balfour, Guthrie & Co, Phemius, Batavia
250 bgs, American Cyanamid & Chemical Co, Phemius, Sourabaya
500 bgs, Stein, Hall & Co, Silversandal, Cheribon
250 bgs, Chase National Bank, Silversandal, Cheribon
TOILET PREPS—2 cs, R F Downing & Co, American Merchant, London
3 cs, Colgate-Palmolive-Peet Co, City of Delhi, Sydney
TONKA BEANS—1 cs, Steinharder & Nordlinger, Cape Howe, Fortaleza
83 bbls, Irving Trust Co, Cape Howe, Para
9 cs, 12 bbls, Cape Howe, Para
1 pkg, Wessel, Duval & Co, Cape Howe, Para
1 pkg, Simmonds & Gray, Cape Howe, Para
17 bbls, Guaranty Trust Co, Collingsworth, Para
TRIETHANOLAMINE—1 cs, Yardley & Co, Georgic, London
UMBER—10 cks, C B Chrystal & Co, Scythia, Liverpool
581 bgs, 60 tons, J Lee Smith & Co, Executive, Larnaca
30 cks, 4 tons, 2 cwt, Bank of Manhattan, Executive, Larnaca
30 cks, 4 tons, 1 cwt, T H Deutz, Executive, Larnaca
2,213 bgs, 243 tons, Reichard-Coulston, Executive, Larnaca
VACCINES—1 cs, E R Squibb & Sons, Silversandal, Manila
VANADIUM — 10,405 bgs, Vanadium Corp, Santa Clara, Callao
VANILLA BEANS—66 cs, Steel Ranger, Port Said
5 cs, French Line, Santa Paula, Curacao
2 cs, French American Banking Corp, Silversandal, Tamatave
26 cs, Manufacturers' Trust Co, Ile de France, Havre
44 cs, Guaranty Trust Co, Ile de France, Havre
14 cs, Ile de France, Havre
VARNISH—1 cs, Hilton & Son, American Merchant, London
WATER, MINERAL—150 cs, American Express Co, Washington, Havre
236 cs, American Agency French Vichy, Washington, Havre
100 cs, Atlantic Forwarding Co, Hamburg, Hamburg
140 cs, American Agency French Vichy, Ile de France, Havre
WAX—2 cs, Rohner, Gehrig & Co, Hamburg, Hamburg
BEES—7 bgs, Marwarri, Suez
14 bgs, Mecke & Co, San Juan, Azua
10 bgs, Machado & Co, San Juan, Azua
9 seroons, Porcella Vicini & Co, Almena, Trujillo
21 seroons, Porcella Vicini & Co, Almena, Puerto Plata
80 bgs, New Toronto, Freetown
CARNAUBA—72 bgs, American Cyanamid & Chem Co, Paraguayo, Bahia
427 bgs, Strohmeyer & Arpe Co, Cape Howe, Parnahyba
439 bgs, Strahl & Pitsch, Cape Howe, Parnahyba
125 bgs, Brown Bros Harrimann Co, Cape Howe, Parnahyba
125 bgs, Bank of London South America, Cape Howe, Parnahyba
125 bgs, Innis, Speiden & Co, Cape Howe, Parnahyba
501 bgs, Cape Howe, Parnahyba
22 bgs, W M Allison & Co, Cape Howe, Fortaleza
33 bgs, Smith & Nichols, Cape Howe, Fortaleza
57 bgs, Cape Howe, Camocim
84 bgs, Strahl & Pitsch, Rio Negro, Bahia
MONTAN—100 bgs, Innis, Speiden & Co, President Roosevelt, Hamburg
1,225 bgs, Strohmeyer & Arpe Co, President Roosevelt, Hamburg
OZOKERITE—41 bgs, Heemsoth Kerner Corp, Hamburg, Hamburg
128 bgs, Pilsudski, Gdynia
60 bgs, Strohmeyer & Arpe Co, Vulcania, Trieste
WOLFRAM ORE—100 bgs, Wah Chang Trading Corp, Peter Maersk, Hongkong
WOODFLOUR—300 bgs, State Chem Co, Noordam, Rotterdam
400 bgs, State Chem Co, Statendam, Rotterdam
YEAST—90 bbls, Vulkan Yeast Co, Hamburg, Hamburg
200 bbls, Hamburg, Hamburg
ZINC OXIDE—40 bbls, Philipp Bros, Gerolstein, Antwerp
5 bgs, Yardley & Co, Georgic, London
50 cks, Pilsudski, Gdynia
100 cks, New York Quinine & Chem Works, Scythia, Liverpool

New York Transit Imports

ANISE STAR—100 bgs, D G Evans Coffee Co, City of Elwood, Hongkong, St Louis
CARAWAY SEED—150 bgs, 16,500 lbs, Statendam, Rotterdam, Chicago
CAROB BEANS—1,600 bgs, M F Meal & Co, Executive, Limassol, Richmond, Va
CASSIA—100 bls, J H Forbes Tea & Coffee Co, City of Elwood, Hongkong, St Louis
50 bls, Euclid Coffee Co, City of Elwood, Hongkong, Cleveland
COLORS, EARTH—7 bbls, Penson & Co, Statendam, Rotterdam, Hartford
GINGER ROOT—50 bgs, Jewitt & Sherman, Veragua, Kingston, Milwaukee
GLUESTOCK—61 bls, Brown Bros. Harriman Co, Mexico, Havana, Philadelphia
MENTHOL—50 cs, McKesson & Robbins, Nankai, Kobe, Bridgeport
OIL, COCONUT—452,713 kilos, Colgate, Palmolive, Peet Co, Phemius, Tjilatjap
PERILLA—527 tons, Werner G Smith Co, Morviken, Dairen, Cleveland
PAPAIN—20 cs, American Ferment Co, Tonsbergfjord, London, Buffalo
POPPYSEED—300 bgs, 33,000 lbs, Statendam, Rotterdam, Chicago
PYRETHRUM FLOWERS—250 bls, McKesson & Robbins, Nankai, Kobe, Bridgeport
ROSIN—6 cs, Parke, Davis & Co, Vulcania, Trieste, Detroit
SPONGES—7 bls, Oriente, Havana, Paris
14 bls, Oriente, Havana, Marseilles
9 bls, Munargo, Nassau, London
6 bls, Munargo, Nassau, Antwerp
4 bls, Munargo, Nassau, Havre
15 bls, Munargo, Nassau, Rotterdam
22 bls, Munargo, Nassau, Amsterdam
18 bls, Mexico, Havana, Buenos Aires
5 bls, Mexico, Havana, Philadelphia
REFUSE—14 bls, Oriente, Havana, Marseilles
16 bls, Munargo, Nassau, Kobe
18 bls, Munargo, Nassau, Havre
18 bls, Munargo, Nassau, Rotterdam
14 bls, Munargo, Nassau, Amsterdam
TEAWASTE—1,497 bgs, Steel Ranger, Calcutta, Maywood
TEXTILE FINISHING PROD—11 bbls, American Enka Corp, Statendam, Rotterdam, North Nashville
VANILLA BEANS—20 cs, M Cortizas Co, Mexico, Vera Cruz, Philadelphia

Baltimore Imports

ACID, OXALIC—40 cks, Sarcoxie, Hamburg
ALUMINUM HYDROXIDE — 7 cs, Sarcoxie, Havre
BONE MEAL—1,008 bgs, Lucia C, Fiume
BRONZE POWDER—11 cs, National Car Loading Corp, Sarcoxie, Hamburg
CLAY, VALLENDAR—100 cks, Edam, Rotterdam
COLOR, DRY—1 cs, Lehigh, Liverpool
FERROMANGANESE—200 tons, Wm H Muller Co, Edam, Rotterdam
IRON ORE—22,300 tons, Bethlehem Steel Co, Svealand, Cruz Grande
3,000 tons, Bethelehem Steel Co, Yomachichi, Whyalla
11,850 tons, Bethlehem Steel Co, Firmore, Cruz Grande
MAGNESITE—18,237 bgs, General Refractories Co, Lucia C, Trieste
MANGANESE ORE—8,800 tons, Fresno City, Poti
MOLASSES—486,559 gls, Cuba Distilling Co, Cassimir, La Romana
555,960 gls, Cuba Distilling Co, Cassimir, Macoris
OIL, CODLIVER—10 dms, Edam, Rotterdam
OLIVE—171 cs, Lucia C, Sfax
PEATMOSS—300 bls, Edam, Rotterdam
PYRETHRUM FLOWERS—125 bls, Yamazuki, Kobe
125 bls, Yamazuki, Yokohama
SARDINE MEAL—9,000 bgs, Yamazuki, Kobe
2,000 bgs, Kansai, Tokio
WATER, MINERAL—81 cs, Sarcoxie, Havre

Boston Imports

ACID, NITRIC—15 dms, Advance Solvents & Chemical Corp, Tampa, Heroen
ANTIMONY REGULUS—4 kegs, 2,317 lbs, C Gitlan & Co, Black Hawk, Antwerp
BARYTES—200 bgs, Fulda, Bremen
CARAWAY SEED—50 bgs, M L Fernald & Co, Edam, Rotterdam
CHEMICALS—298 dms, Edam, Rotterdam
63 cks, 35,840 lbs, Chemical Marketing Co, Black Hawk, Antwerp
250 bgs, 55,115 lbs, Black Hawk, Antwerp
200 bgs, 190 dmjhns, 35,915 lbs, Black Hawk, Rotterdam
500 bgs, 110,230 lbs, Chemical Marketing Co, Fulda, Hamburg
CHINA CLAY—102 tons, 12 cwt, Moore & Munger, Uranienborg, Fowey
2,503 tons, English China Clays Sales Corp, Uranienborg, Fowey
COCOA BEANS—454 bgs, Carleton & Moffat, Edam, Rotterdam
2,500 bgs, 330,690 lbs, General Cocoa Co, Rio Negro, Bahia
5,000 bgs, 661,380 lbs, Rio Negro, Bahia
5,000 bgs, 661,380 lbs, General Cocoa Co, Rio Negro, Ilheos
1,000 bgs, 132,276 lbs, Nieschlag & Co, Rio Negro, Ilheos
2,000 bgs, 264,552 lbs, Wessel, Kulenkampf & Co, Rio Negro, Ilheos
1,000 bgs, 132,276 lbs, Wood & Selick, Rio Negro, Ilheos
7,000 bgs, 925,932 lbs, Nieschlag & Co, Rio Negro, Ilheos
1,110 bgs, Afran Trading Corp, New Toronto, Lagos
500 bgs, Walter Baker & Co, American Merchant, London
COCONUT, DESIC—500 cs, Balfour, Guthrie & Co, Azumasan, Manila
450 cs, A H Morse & Co, Tai Shan, Manila
EMERY POWDER—30 bgs, Nicholson & Co, American Merchant, London
EXTRACTS—2 cs, Gustav Martin, Scythia, Liverpool
FERTILIZER, GOAT MANURE—884 tons, Rikke, Azua
GELATIN—120 bgs, 13,492 lbs, Rob D McClellan, Black Hawk, Rotterdam
GINGER ROOT—167 bgs, New Toronto, Freetown
GLASS, PLATE—10 cs, 34,083 lbs, L Solomon & Son, Black Hawk, Antwerp
WINDOW—10 cs, 1,301 lbs, D C Andrews Co, Black Hawk, Antwerp
47 cs, 23,578 lbs, McKeesport, Hamburg
GLUE, MARINE FITCH—20 crts, L W Ferdinand & Co, American Merchant, London
GLUESTOCK—1 pkg, 23 lbs, E Butterworth & Co, Black Hawk, Rotterdam
FISH—513 bgs, Russia Cement Co, Evangeline, Yarmouth
82 bgs, J R Poole Co, Evangeline, Yarmouth
2 bbls, J A Rich, Evangeline, Yarmouth
GOLD THREAD—2 bgs, Chester E Gould, Evangeline, Yarmouth
GUM, ARABIC—50 bgs, 11,243 lbs, Marwarri, Port Sudan
COPAL—58 bskts, Manufacturers Trust Co, Silversandal, Macassar
GHATTI—72 bgs, Philadelphia National Bank, President Adams, Bombay
INDUSTRIAL—25 cks, 25 bgs, J P Marston Co, Scythia, Liverpool
LOCUST BEAN—35 bgs, President Adams, Genoa
GYPSUM—1,200 bgs, Fulda, Bremen
LIME JUICE—3 csks, Barclays Bank, Lady Nelson, St Lucia
MAGNESITE—40 bbls, Innis, Speiden & Co, Edam, Rotterdam
MEDICINAL PREPS—3 cs, 2 bskts, 2 bdls, Tung Hing Lung, President Adams, Hongkong
8 cs, 1 bskt, Sun Lee Chong, President Adams, Hongkong
1 cs, Sun Wah Co, Tai Shan, Hongkong
2 cs, China Trading Co, Tai Shan, Hongkong
MICA SPLITTINGS—150 bgs, Guaranty Trust Co, Marwarri, Calcutta
70 cs, National City Bank, Marwarri, Calcutta
MILK POWDER—112 bbls, Edam, Rotterdam
MUSTARD SEED—10 bgs, American Express Co, Edam, Rotterdam
150 bgs, 33,069 lbs, Stickney & Poor Spice Co, Black Hawk, Rotterdam

NAPHTHALENE, CRUDE—2,500 bgs, 558,083 lbs, Black Hawk, Rotterdam
OIL, ALMOND, SWEET—23 dms, American Merchant, London
CHINAWOOD—100 dms, Tai Shan, Hongkong
COCONUT—487 tons, Lever Bros. Agumasan Maru, Cebu
890 tons, Philippine Refining Corp, Silversandal, Cebu
CODLIVER—75 dms, Edam, Rotterdam
40 dms, 10,141 lbs, Black Hawk, Rotterdam
45 dms, 20 bbls, Tampa, Bergen
100 bbls, Charles L Huisking & Co, Tampa, Aalesund
25 dms, M F Foley & Co, Tampa, Aalesund
50 dms, United Drug Co, Tampa, Bergen
100 bbls, Tailby Nason Co, Tampa, Bergen
FISH—24 pkgs, 2 cs, American Merchant, London
FUEL—16,500 bbls, 693,000 gls, Colonial Beacon Oil Co, Joseph Seep, Aruba
PALM—186 dms, Balfour, Guthrie & Co, New Toronto, Lagos
717 tons, Balfour, Guthrie & Co, New Toronto, Burutu
1,991 tons, Balfour, Guthrie & Co, Gustav Schindler, Matadi
PEANUT—3 cs, P F Hem, President Adams, Hongkong
45 cs, Quong Wah Lung, Tai Shan, Hongkong
PEANUT ACID—81 dms, Edam, Rotterdam
55 dms, 25,055 lbs, Black Hawk, Rotterdam
SPERM—95 dms, and 210 bbls, Transylvania, Glasgow
OSSEIN—2,000 bgs, 223,987 lbs, J O Whitten Co, Black Hawk, Antwerp
1,000 bgs, 101,764 lbs, Atlantic Gelatine Co, Black Hawk, Antwerp
1,000 bgs, 111,993 lbs, Black Hawk, Antwerp
PEATMOSS — 1,320 bls, Premier Peat Moss Corp, Edam, Rotterdam
430 bls, Halfmoon Mfg & Trading Co, Edam, Rotterdam
900 bls, L E Page, Fulda, Bremen
500 bls, Atkins & Durbrow, Fulda, Bremen
830 bls, Fulda, Bremen
PETROLEUM, CRUDE — 51,319 bbls, 7,744 tons, Colonial Beacon Oil Co, Joseph Seep, Las Piedras
POPPYSEED—50 bgs, H A Johnson Co, Edam, Rotterdam
200 bgs, Stickney & Poor Spice Co, Edam, Rotterdam
100 bgs, M L Fernald Co, Edam, Rotterdam
POTASH, SULPHATE—1,200 bgs, N V Potash Export Mij, Fulda, Bremen
QUEBRACHO EXTRACT—700 bgs, 75,160 lbs, International Products Corp, Collingsworth, Buenos Aires
SHELLAC—50 bgs, 10 cs, J Henry Schroeder Banking Corp, Edam, Rotterdam
145 bgs, Grace National Bank, Marwarri, Calcutta
100 bgs, Marwarri, Calcutta
SEEDLAC—200 bgs, First National Bank, Marwarri, Calcutta
100 bgs, Marwarri, Calcutta
SILICON CARBIDE—200 csks, American Abrasive Co, Tampa, Oslo
SOAP, FLAKES—1 cs, Lever Bros, Scythia, Liverpool
TOILET—35 cs, S S Pierce Co, American Merchant, London
4 cs, D C Andrews Co, American Merchant, London
STARCH, CHEMICALLY TREATED—250 bgs, Edam, Rotterdam
POTATO—250 bgs, Edam, Rotterdam
250 bgs, Edam, Rotterdam
250 bgs, 55,115 lbs, Stein, Hall Co, Black Hawk, Rotterdam
TAPIOCA FLOUR—996 bgs, Silversandal, Cheribon
2,576 bgs, Balfour, Guthrie & Co, Silversandal, Pamanoekan
TOILET PREPS—1 cs, J P Marston Co, Scythia, Liverpool
1 cs, Lever Bros, Co, Scythia, Liverpool
VANILLA BEANS—7 cs, Scythia, Liverpool
WATER, AERATED—25 cs, S S Pierce Co, Scythia, Liverpool
MINERAL—43 cs, S S Pierce Co, American Merchant, London
WAX, BEES—40 bls, New Toronto, Freetown
MONTAN—1,155 bgs, 176,975 lbs, Strohmeyer & Arpe, Fulda, Hamburg
SKI—5 cs, 1,204 lbs, W N Proctor, Fulda, Bremen
WHITING—500 bgs, 55,115 lbs, T D Downing Co, Black Hawk, Antwerp

Houston Imports

COCONUTS—637 bgs, American Press, Arroyo
PETROLEUM, CRUDE—35,896 bbls, R W McIlvain, Tuxpam
93,521 bbls, Pericles, Tuxpam

Los Angeles Imports

AGAR AGAR—120 lbs, Morviken, Yokohama
AMMONIA PHOSPHATE—5,200 bgs, 519,680 lbs, Kingsley, Trail
SULPHATE—1,000 bgs, 100,800 lbs, Kingsley, Trail
BONE MEAL—494 bgs, 49,600 lbs, Fella, Ljubijana, Yugoslavia
494 bgs, 49,280 lbs, Fella, Hague
CASSIA—6,600 lbs, Hoegh Silverlight, Medan
CELERY SEED—2,160 lbs, Hoegh Silverlight, Bombay
CHEMICAL COMPOUND — 120 lbs, Heiyo, Japan
CINNAMON QUILLS—100 bls, 9,860 lbs, President Cleveland, Colombo
COCONUT, DESIC—600 pkgs, 74,500 lbs, President Cleveland, Manila
COPRA MEAL—6,900 bgs, 690,000 lbs, Hoegh Silverlight, Manila
1,000 bgs, 100,000 lbs, President Cleveland, Manila
FISH LIVERS, FROZEN—258 tins, 10,320 lbs, Asosan, Yokohama
1,070 tins, 42,800 lbs, Asama, Yokohama
GLASS, SHEET—105 cs, 11,930 lbs, Ell, Brussels
105 cs, 11,930 lbs, Schwaben, Brussels
10 cs, 4,840 lbs, Schwaben, Prague
INSECTICIDE—10 lbs, Heiyo, Japan
MEDICINAL PREPS—510 lbs, Asosan, Yokohama
407 lbs, Asama, Kobe
OCHER POWD—25,490 lbs, Fella, Marseilles
OIL, CODLIVER—50 dms, 11,230 lbs, from Bergen
LEMON GRASS—5 dms, 2,050 lbs, Fella, Marseilles
LUBRICATING—2 pkgs, 50 lbs, Silvermaple, Singapore
18,000 lbs, Hoegh Silverlight, Calcutta
PALM—687,510 lbs, Hoegh Silverlight, Medan
PERILLA—325,530 lbs, Asama, Osaka
VEGETABLE—300 dms, 120,000 lbs, Asama, Osaka
PAPRIKA—2,750 lbs, from Budapest
PYRETHRUM EXTRACT—80 lbs, San Francisco, Kobe
RICE FLOUR—730 lbs, Asama, Kobe
SEAWEEDS—55 lbs, Heiyo, Japan
650 lbs, Asosan, Kobe
660 lbs, Asama, Kobe
SESAME SEED—75 pkgs, 15,000 lbs, Tai Shan, Hongkong
SIENNA POWD—3,630 lbs, Fella, Rome
SOAP, TOILET—150 lbs, from Paris
TOILET PREPS—150 lbs, Asosan, Yokohama
120 lbs, Asama, Kobe
WATER, MINERAL—2,120 lbs, Fella, Marseilles
ZINC OXIDE—20 bbls, 4,410 lbs, Fella, Marseilles

New Orleans Imports

BAUXITE ORE—2,769 tons, Aluminum Ore Co, Nordvangen, Port of Spain
2,995 tons, Aluminum Ore Co, Vestvangen, Paramaribo
CINNAMON QUILLS—30 bls, Cottam & Co, Brastagi, Colombo
COCONUTS—950 sks, Standard Fruit & S S Co, Cefalu, Ceiba
320 sks, J Manton, Lysefjord, Kingston
586 sks, Barclays Bank, Lysefjord, Kingston
500 sks, Universal Import & Export Co, Lysefjord, Kingston
980 sks, Lysefjord, Kingston
400 sks, J Blake, Jr, Lysefjord, Kingston
1,150 sks, W Gordon, Lysefjord, Kingston
335 sks, Anastasio Alamilla, Lysefjord, Kingston
700 sks, Fruit Dispatch Co, Santa Marta, Puerto Cortez
GUM, CHICLE—31 bls, Chicle Development Co, Lysefjord, Kingston
110 bls, Lysefjord, Kingston
OIL, COCONUT—580 tons, Spencer Kellogg & Sons, Komaki, Manila
VEGETABLE—100 dms, W R Grace & Co, Kirisima, Kobe
WHITE—65 dms, Indiana, Antwerp
PHOSPHATE — 700 tons, Moorman Mfg Co, San Luis, Curacao
POTASH SULPHATE—6,000 sks, First National Bank of Boston, Arica, Antwerp
PYRETHRUM FLOWERS — 240 bls, Lusk Shipping Co, Komaki, Kobe
TAPIOCA FLOUR—302 sks, Guaranty Trust Co, Brastagi, Cheribon
250 sks, Brastagi, Cheribon

Norfolk Imports

BLOOD, DRIED—3,500 bgs, 156 tons, 5 cwt, Tupman Thurlow Co, Yomachichi, Melbourne
CHEMICALS—276 bgs, Advance Solvents & Chemical Corp, N Y, Tiradentes, Rotterdam
DYE INTERMEDIATES—82 cans, Cincinnati Chemical Works, Norwood, Ohio, Sarcoxie, Hamburg
INK, PRINTING—1 cs, American Express Co, Sarcoxie, Hamburg
MANURE, GOAT—536 tons, Pilgrim Trust Co, Rikke, Azua, San Domingo
MANGANESE, ORE—8,250 tons, E J Lavino & Co, Warlaby, Takoradi
OIL, FUEL—54,000 bbls, or 2,268,000 U S measured gallons, Standard Oil Co of N J, Inverarder, Aruba
PEATMOSS—500 bls, Maasdam, Rotterdam
RESIN, PHENOLIC—1 cs, W H Spence, foreign agent Southern R R, Sarcoxie, Le Havre
STARCH, POTATO—250 bgs, Stein, Hall & Co, N Y, Maasdam, Rotterdam
TAPIOCA FLOUR—50 bgs, Tiradentes, Rotterdam
500 bgs, Simaloer, Cheribon
250 bgs, Chase National Bank, Simaloer, Batavia
1,020 bgs, H P Winter & Co, Simaloer, Batavia
500 bgs, Bank of Manhattan, Simaloer, Batavia

Philadelphia Imports

ACID, NUT GROUND OIL—29 bbls, Noordam, Rotterdam
ALCOHOL, DENAT—500 dms, Puerto Rico Alcohol Co, Barbara, San Juan
AMMONIA SULPHATE—1,250 bgs, Noordam, Rotterdam
AMMONIAC, SAL—50 bgs, Scanyork, Gdynia
BAUXITE—2,050 tons, Ingrid, Georgetown
BOG ORE—1,040,000 kilos, Sarcoxie, Hamburg
BONE FLOUR—826 bgs, Lucia C, Fiume
CALCIUM SILICIDE—85 bbls, Collamer, Havre
CANARY SEED—1,500 bgs, Excello, Tekirdag
250 bgs, Excello, Rodosto
CARAWAY SEED—150 bgs, Noordam, Rotterdam
CHEMICALS — 55 csks, Advance Solvents & Chemical Co, Noordam, Rotterdam
53 dms, Ciba Co, Noordam, Rotterdam
154 bgs, Chase National Bank, Noordam, Rotterdam
CLEANSER—15 dms, Wm J Jones & Co, Noordam, Rotterdam
COCOA BEANS—500 bgs, Blumenthal Bros, Pocone, Bahia
2,000 bgs, Pocone, Bahia
COCONUTS—500 bgs, Ed Freeman, Barbara, San Juan
300 bgs, Starr Product Co, Barbara, San Juan
52 bgs, Simon & French Co, Barbara, San Juan
CORK, PLATES—100 bdls, Armstrong Cork Co, Belvedere, Sevilla
VIRGIN—7,999 bls, Armstrong Cork Co, Excello, Casablanca
3,467 bls, Armstrong Cork Co, Examelia, Collo
WASTE—8,363 bls, Armstrong Cork Co, Examelia, Collo
WOOD—102 bls, Armstrong Cork Co, Examelia, Collo
FERROMANGANESE—609,600 kilos, Scanyork, Gdynia
FILTER PAPER—9 cs, John M Maris, Collamer, Havre
FLINT PEBBLES—180 bgs, Bubendorf Bros, Scanyork, Copenhagen
FLUORSPAR—1,000 tons, Venus, St Lawrence
KELP MEAL—440 half bbls, Wessel, Duval & Co, Tampa, Bergen
MAGNESITE, CALC—22 csks, Noordam, Rotterdam
OIL, CODLIVER—200 csks, 50 dms, Sarcoxie, Hamburg
15 dms, Certified Laboratories, Tampa, Aalesund
25 dms, Loos & Dilworth, Tampa, Aalesund
50 dms, Sharp & Dohme, Tampa, Bergen
125 dms, J A McCarthy, Tampa, Bergen
CORN—1 lot, Noordam, Rotterdam
OLIVE—643 cs, Excello, Leghorn
SHEANUT, REFD—281 bbls, Noordam, Rotterdam
OXIDE, RED—683 bbls, F B Vandegrift & Co, Noordam, Rotterdam
PEATMOSS—700 bls, Marine Midland Trust Co, Noordam, Rotterdam
PETROLEUM, CRUDE—110,893 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
58,146.81 bbls, Atlantic Refining Co, Tustem, Tampico
82,010 bbls, Gulf Oil Corp, Adellen, Las Piedras
23,247 bbls, Gulf Oil Corp, Monagas, Las Piedras
POPPYSEED—300 bgs, Noordam, Rotterdam
PYRETHRUM FLOWERS—25 bbls, First National Bank, Azumasan, Kobe
ROSIN, LIQUID—25 bbls, Sarcoxie, Hamburg
SARDINE MEAL—3,000 bgs, Wessel, Duval & Co, Azumasan, Kobe
SODA CYANIDE—400 cyls, National City Bank, Collamer, Havre
SUMAC EXTRACT—5 csks, Amer Dyewood Co, Lehigh, Liverpool
WATER, MINERAL—85 cs, Noordam, Rotterdam
WAX, VEGETABLE—100 cs, Mitsui & Co, Azumasan, Kobe
WOODFLOUR—3,000 bgs, B L Sobersk Tampa, Oslo
ZIRCON—5,000 bgs, Travancore Minerals Co, City of Hereford, Cochin

Portland, Ore., Imports

CHEMICALS—20 csks, Portland, Hamburg
COCONUTS—525 sks, Pacific Fruit & Produce Co, San Jose, Cristobal
GLASS, WINDOW—554 cs, San Jose, Antwerp
300 cs, U S National Bank of Portland, San Jose, Antwerp
IRON OXIDE—23 bbls, Reichard-Coulston, Portland, Bremen
PEATMOSS—200 bls, Portland, Bremen
SODA CHLORATE—1,000 pkgs, International Selling Corpn, San Jose, Havre
2,000 dms, Portland, Hamburg
1,000 dms, Chipman Chemical Co, Portland, Antwerp

San Francisco Imports

ALCOHOL—50 dms, S L Jones & Co, Silverwillow, Manila
CASSIA—200 bls, S L Jones & Co, Pleasantville, Hongkong
100 bls, S H Tyler & Son, Pleasantville, Hongkong
CHEMICALS—15 cs, San Francisco, Kobe
300 dms, San Francisco, Yokohama
COCONUT, DESIC—885 cs, Balfour, Guthrie & Co, San Francisco, Manila
325 cs, M S Cowen Co, Silverwillow, Manila
100 cs, Philippine Desiccated Coconut Corp, Pleasantville, Zamboanga
4,475 cs, Wood & Selick, Pleasantville, Manila
COPRA—400 tons, R J Roesling & Co, Pleasantville, Dumaguete (for Oakland)
250 tons, R J Roesling & Co, Pleasantville, Borongan (for Oakland)
210 tons, R J Roesling & Co, Pleasantville, Legaspi (for Oakland)
CORKS—17 bls, Leme, Genoa
FISH MEAL—24 cs, Nippon Co, San Francisco, Nagoya
GUM, COPAL—112 bskts, Henry W Peabody & Co, Silverwillow, Macassar
DAMMAR—200 cs, H M Newhall & Co, Silverwillow, Singapore
HERBS—4 cs, North American Mercantile Co, San Francisco, Yokohama
HONEY—2 crts, General Export Co, Silverwillow, Manila
IRON OXIDE—20 bbls, Reichard Coulston, Leme, Genoa
NUTMEGS—65 sks, B C Ireland, Silverwillow, Batavia
61 cs, B C Ireland, Silverwillow, Macassar
OCHER—15 bbls, Reichard Coulston, Leme, Marseilles
OIL, CHINAWOOD—30 dms, D Hecht & Co, Pleasantville, Hongkong
CITRONELLA—2 dms, East Asiatic Co, Silverwillow, Singapore
COCONUT, CRUDE—485 tons, Philippine Refining Corp of N Y, Silverwillow, Manila
325 tons, Pleasantville, Manila
OLIVE—100 dms, Bank of Athens, Leme, Trieste
320 dms, Leme, Leghorn
150 dms, D F DeBernardi & Co, Leme, Genoa
10 dms, Mazzucchi Bros, Leme, Genoa
50 dms, Granucci & Sons, Leme, Genoa
25 dms, Matteucci & Vannucci, Leme, Genoa
35 dms, Leme, Marseilles
PALM—202 tons, Banque Belge pour l'Etranger, Pleasantville, Arahan
PALM, REFD—52 cs, Canadian Bank of Commerce, Gregalia, Liverpool
PARAFFIN—1,120 sks, Shell Oil Co, Silverwillow, Balikpapan (for Alameda)
400 sks, Shell Oil Co, Silverwillow, Balikpapan
255 sks, Patterson Shipping Co, Pleasantville, Gerong (for Alameda)
PEPPER, BLACK — 450 sks, Silverwillow, Oosthaven
100 sks, Catz American Co, Pleasantville, Hongkong
PERFUMERY—1 cs, American Express Co, Leme, Genoa
SESAME SEED—50 sks, Pleasantville, Hongkong
200 sks, S L Jones & Co, Pleasantville, Hongkong
SODA CHLORATE—118 bbls, Balfour, Guthrie & Co, Leme, Marseilles
NITRATE—1,000 tons, Chilean Nitrate Sales Corp, Charcas, Tocopilla (for Oakland)
TAPIOCA FLOUR—108 sks, Hoyt, Shepston & Sciaroni, Silverwillow, Sourabaya (for Oakland)
100 sks, Rutger Bleecker & Co, Silverwillow, Singapore
100 sks, Rutger Bleecker & Co, Silverwillow, Batavia
326 sks, Hoyt, Shepston & Sciaroni, Silverwillow, Cheribon
275 sks, Hoyt, Shepston & Sciaroni, Silverwillow, Sourabaya
221 sks, National Adhesives Corp, Silverwillow, Sourabaya
PEARL—34 sks, Silverwillow, Batavia
SEED—53 sks, Silverwillow, Cheribon
TOILET PREPS—2 cs, North American Mercantile Co, San Francisco, Yokohama
WATER, MINERAL—50 cs, E & J Burke, Leme, Marseilles

Savannah Imports

CALCIUM NITRATE—3,843,800 kilos, Tugela, Heroen
500 bgs, Tugela, Heroen
CHEMICALS—40 bbls, Saccarappa, Bremen
PEATMOSS—300 bls, Saccarappa, Bremen
SALTPETER—454 bgs, 150,000 bbls, Saccarappa, Bremen

Seattle Imports

CHEMICALS—50 cks, Portland, Hamburg
16 cs, 60 sks, Ernest W C Toepfer, Portland, Antwerp
COCOA BEANS—288 sks, Washington Chocolate Co, Hoyanger, Para
COCONUTS—600 sks, Pacific Fruit & Produce Co, San Jose, Cristobal
IRON ORE, GROUND—225 sks, J Lee Smith Co, Portland, Antwerp
SODA CHLORATE—1,000 dms, International Selling Corp, Portland, Antwerp

Tacoma Imports

BONE MEAL—784 sks, Balfour, Guthrie & Co, Portland, Hamburg
PEANUTS, SHELLED — 100 sks, Balfour, Guthrie & Co, Besholt, Manila

Tampa Imports

SOAP—1 ctn, Cuba, Havana
TOILET PREPS—4 ctns, 2 cs, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwistar, September 3; Almena, September 29; Amapala, September 23; Ancon, September 20; Black Heron, September 24; Borinquen, September 24; Camamu, September 30; Coamo, September 22; Comanches, September 28; Dromore Castle, September 23; Drottningholm, September 23; Eastern Sword, September 28; Excalibur, September 27; Exermont, September 20; Exhibitor, September 22; Exmoor, September 29; Franconia, September 30; Frida, August 26; Greystoke Castle, September 13; Gunvor, September 23; Hertford, September 23; Komaki, September 30; Kyno, September 30; Mohikana, September 26; Musa, September 15; Nieuw Amsterdam, September 26; New Brunswick, September 28; Normandie, September 27; Pan America, September 23; Paris, October 3; Porto Rico, September 24; Primo, September 30; Quirigua, September 14; San Juan, September 17; Santa Barbara, September 30; Santa Lucia, September 23; Santa Paula, September 22; Santa Rita, September 16; Schodack, September 30; Turksib, September 30; Tuscania, September 28; Veragua, September 10; Westernland, September 30

ACID, MURIATIC—3,539 lbs, San Juan, Porto Plata
OXALIC—2,016 lbs, Greystoke Castle, Manila
SULPHURIC—41,330 lbs, Frida, Callao
ALCOHOL—24,310 gls, Tokai, Yokohama
DIACETONE—5,532 lbs, Black Heron, Antwerp
OCTYL—2,526 lbs, Black Heron, Rotterdam
AMMONIA, SULPHATE—804 tons, Eastern Sword, San Juan
ASPHALT—40,888 lbs, American Farmer, London; 28,918 lbs, Kyno, Newcastle; 26,787 lbs, Borinquen, San Juan; (Hertford) 91,660 lbs, Sydney; 278,322 lbs, Melbourne
BENZENE—32,835 gls, Dromore Castle, Capetown-option
BLEACHING POWDER—9,220 lbs, Santa Lucia, Valparaiso
BLUE, VITRIOL—6,666 lbs, Musa, Guayaquil
BONE ASH—11,110 lbs, Franconia, Liverpool
BUTYL ACETATE—5,885 lbs, Hertford, Melbourne
CALCIUM ARSENATE — 280,000 lbs, Musa, Buenaventura
CARBIDE—6,300 lbs, Musa, Buenaventura
CHLORIDE—22,618 lbs, Santa Lucia, Talara
CHEMICALS—1,299 lbs, Turksib, Leningrad; 1,400 lbs, American Farmer, London; (Black Heron) 9,352 lbs, Antwerp; 2,835 lbs, Rotterdam
CLEANER — 79,560 lbs, Birmingham City, Honolulu
COALTAR INTERMEDIATES—(Ancon) 3,211 lbs, Panama; 2,620 lbs, Colon; 10,880 lbs, Agwistar, Tampico; 7,504 lbs, Black Heron, Antwerp
COLOR, DRY—1,221 lbs, Musa, Puntarenas
CORN FLOUR—1,995 lbs, Frida, Guayaquil; 710 lbs, Veragua, Limon; 155,100 lbs, Greystoke Castle, Manila
SUGAR—4,060 lbs, Nieuw Amsterdam, Rotterdam-Amsterdam; 110,100 lbs, Kyno, Hull
SYRUP—4,510 lbs, Santa Paula, Porto Colombia; 5,425 lbs, Quirigua, Kingston; 9,000 lbs, Santa Lucia, Callao; 1,183 lbs, Mohikana, Kahului; 15,457 lbs, Frida, Callao; (Drottningholm) 12,916 lbs, Gothenburg-Stockholm; 76,217 lbs, Gefle; 22,875 lbs, Malmo; 12,724 lbs, Birmingham City, Honolulu; 3,850 lbs, Coamo, Ciudad
DEXTRIN—8,282 lbs, Veragua, Havana
CORN—13,536 lbs, Hertford, Melbourne
DICHLORODIFLUOROMETHANE—2,562 lbs, Birmingham City, Honolulu
DRUGS—3,886 lbs, Excalibur, Marseilles
DYES—24,406 lbs, Turksib, Leningrad; 1,855 lbs, Pan America, Rio de Janeiro; (Black Heron) 4,860 lbs, Antwerp; 712 lbs, Rotterdam
ETHYL ACETATE—35,281 lbs, San Juan, Ponce; 5,292 lbs, Black Heron, Antwerp
ETHYLENE DICHLORIDE—15,325 lbs, American Farmer, London
ETHYLENEGLYCOLMONOETHYLETHER — 10,164 lbs, Schodack, Havre
FERROVANADIUM—10,881 lbs, Tokai, Yokohama
GASOLINE—10,000 gls, New Brunswick, Monrovia
GLASS, WINDOW—12,485 lbs, Musa, Buenaventura
GLYCERIN SUBSTITUTE—2,560 lbs, Quirigua, Porto Colombia
GREASE, ANIMAL—22,469 lbs, Black Heron, Antwerp
LUBRICATING—(Excalibur) 15,266 lbs, Marseilles; 872 lbs, Bone; 31,752 lbs, Alexandria; 3,250 lbs, Beirut; 448 lbs, Exermont, Thessalonika; 4,648 lbs, Santa Paula, Cartagena; 5,376 lbs, Santa Lucia, Peten; 5,020 lbs, Santa Barbara, Peten; 24,194 lbs, American Farmer, London; 9,506 lbs, Nieuw Amsterdam, Amsterdam; 6,800 lbs, Tuscania, Glasgow; (Kyno) 8,415 lbs, Hull; 67,212 lbs, Newcastle; 26,364 lbs, Camamu, Rio de Janeiro; (Frida) 12,793 lbs, Mollendo; 4,433 lbs, Valparaiso; 5,995 lbs, Veragua, Havana; 52,092 lbs, Greystoke Castle, Manila; (Drottningholm) 25,230 lbs, Gothenburg; 1,762 lbs, Malmo; 8,560 lbs, Birmingham City, Honolulu; (Dromore) 6,015 lbs, Capetown; 4,886 lbs, Port Castle Elizabeth; 2,766 lbs, East London; 18,960 lbs, Durban; 31,810 lbs, Lourenco Marques; (Exhibitor) 6,723 lbs, Piraeus; 5,026 lbs, Istanbul; 12,328 lbs, Amapala, Santiago; (Hertford) 10,072 lbs, Brisbane; 14,415 lbs, Sydney; 1,322 lbs, Melbourne; 18,819 lbs, Adelaide; (Tokai) 123,692 lbs, Yokohama; 321,158 lbs, Osaka; 7,088 lbs, Moji; 1,506 lbs, New Brunswick, Las Palmas; (Schodack) 9,919 lbs, Havre; 18,332 lbs, Bordeaux; (Paris) 362 lbs, Bordeaux; 8,578 lbs, Havre; 11,893 lbs, Franconia, Liverpool
HELIUM—2,656 lbs, Black Heron, Antwerp
INSECTICIDE—6,105 lbs, Quirigua, Porto Colombia; 12,921 lbs, Pan America, Buenos Aires
ISOPROPYL ETHER — 11,580 lbs, Schodack, Havre
LACQUER—1,420 lbs, Quirigua, Buenaventura
THINNER—(Excalibur) 1,100 gls, Tel Aviv; 1,045 gls, Beirut
LARD—46,904 lbs, Westernland, Southampton; 52,000 lbs, Santa Paula, Porto Cabello; 49,063 lbs, Quirigua, Porto Colombia; 123,250 lbs, American Farmer, London; 4,988 lbs, Tuscania, Glasgow; (Kyno) 100,288 lbs, Hull; 46,488 lbs, Newcastle; 19,584 lbs, Almena, San Pedro; 7,850 lbs, Borinquen, San Juan; (Veragua) 12,600 lbs, Havana; 4,013 lbs, Limon; 3,925 lbs, Porto Rico, Jobos; 17,700 lbs, Amapala, Santiago; 5,887 lbs, Coamo, San Juan; 12,600 lbs, Franconia, Liverpool; 14,940 lbs, Black Heron, Antwerp
LINSEED CAKE—453,20 lbs, Nieuw Amsterdam, Rotterdam; 2,109,662 lbs, Black Heron, Antwerp
METHANOL—3,465 gls, Hertford, Melbourne
MOLYBDENUM CONCE—1,432,867 lbs, Turksib, Leningrad
NAPHTHA—25,000 gls, Dromore Castle, St Helena; (New Brunswick) 30,000 gls, Conakry; 31,500 gls, Freetown; 15,500 gls, Monrovia; 6,000 gls, Grand Popo

OIL, COCONUT—12,247 lbs, Almena, San Pedro; (Veragua) 6,055 lbs, Havana; 2,000 lbs, Limon
CORN—3,910 lbs, Santa Paula, Curacao; 1,425 lbs, Birmingham City, Honolulu; (Dromore Castle) 1,380 lbs, Capetown; 452 lbs, Port Elizabeth; 1,710 lbs, Durban; 4,500 lbs, San Juan, Ponce
CREOSOTE—1,483 lbs, Musa, Colon
CYLINDER—2,669 tons, Comanchee, England
DIESEL—(New Brunswick) 1,650 gls, Port Bouet; 2,750 gls, Accra; 16,500 gls, Lagos
EDIBLE—1,436 lbs, Frida, Guayaquil; 1,386 lbs, Birmingham City
ENGINE—231 tons, Comanchee, England
ESSENTIAL—324 lbs, Veragua, Havana
FLOTATION—1,320 gls, Excalibur, Cette
FUEL—5,445 gls, New Brunswick, Freetown
GAS—(New Brunswick) 8,250 gls, Dakar; 5,500 gls, Apapa; 8,250 gls, Warri; 2,750 gls, Degama
LEMON—380 lbs, San Juan, Aguadilla
LINSEED—4,000 lbs, Porto Rico, Mayaguez
LONG BURNING—850 tons, Comanchee, England
LUBRICATING—(Excalibur) 2,235 gls, Marseilles; 11,550 gls, Algiers; 550 gls, Bone; 550 gls, Philippeville; 10,560 gls, Alexandria; 950 gls, Jaffa; 1,540 gls, Beirut; 935 gls, Haifa; (Exermont) 690 gls, Malta; 605 gls, Thessalonika; 990 gls, Bourgas; 550 gls, Santa Paula, Porto Cabello (Santa Lucia) 2,420 gls, Peten; 1,850 gls, Pisco; 5,170 gls, Guayaquil; 2,475 gls, Callao; 1,375 gls, Mollendo; 14,570 gls, Valparaiso; (Santa Barbara) 1,760 gls, Peten; 3,740 gls, Guayaquil; 1,000 gls, Mollendo; 19,080 gls, Antofagasta; 3,025 gls, Callao; 40,900 gls, Valparaiso; 12,100 gls, American Farmer, London; 20,075 gls, Nieuw Amsterdam, Rotterdam; 14,828 gls, Tuscania, Glasgow; (Kyno) 14,040 gls, Hull; 7,920 gls, Newcastle 1,540 gls, Primo, Point Pitre; (Exmoor) 1,520 gls, Casablanca; 630 gls, Oran; 1,375 gls, Algiers; (Frida) 1,650 gls, Callao; 3,300 gls, Iquique; 3,300 gls, Tocopilla; 2,200 gls, Antofagasta; 1,980 gls, Valparaiso; 5,225 gls, San Antonio; 23,950 gls, Talcahuano; 11,710 gls, Veragua, Havana; 9,455 gls, Greystoke Castle, Manila; (Drottningholm) 275 gls, Gothenburg; 4,290 gls, Malmo; 2,530 tons, Comanchee, England; (Santa Rita) 2,815 gls, Buenaventura; 12,815 gls, Callao; (Dromore Castle) 400 gls, Port Elizabeth; 450 gls, Durban; 4,075 gls, Lourenco Marques; 1,305 gls, Beira; (Exhibitor) 1,959 gls, Tunis; 7,150 gls, Piraeus; (Gunvor) 2,530 gls, St Thomas; 1,470 gls, Fort France; 3,220 gls, Georgetown; 3,465 gls, Paramaribo; (Hertford) 45,265 gls, Brisbane; 134,035 gls, Sydney; 86,625 gls, Melbourne; 31,350 gls, Adelaide; (Tokai) 7,170 gls, Yokohama; 65,835 gls, Osaka; 18,150 gls, Kobe; (New Brunswick) 1,010 gls, Teneriffe; 20,250 gls, Las Palmas; 2,300 gls, Dakar; 1,180 gls, Freetown; 360 gls, Monrovia; 2,625 gls, Port Bouet; 19,140 gls, Takoradi; 1,210 gls, Cape Coast; 1,155 gls, Saltpond; 1,475 gls, Lome; 9,500 gls, Lagos; 4,345 gls, Apapa; 250 gls, Burutu; 4,610 gls, Sapele; 545 gls, Calabar; 550 gls, Duala; 2,860 gls, Pan America, Montevideo; (Schodack) 26,544 gls, Havre; 4,154 gls, Bordeaux; (Paris) 275 gls, Havre; 3,980 gls, Dunkirk; 1,020 gls, St Nazaire; 1,705 gls, Bordeaux; (Franconia) 3,575 gls, Calcutta; 23,860 gls, Liverpool
OLEO—11,588 lbs, Nieuw Amsterdam, Rotterdam; 47,640 lbs, Black Heron, Rotterdam
PALE—1,715 tons, Comanchee, England
VALVE — 1,079 tons, Comanchee, England; 8,250 gls, Agwistar, Tampico
PAINT—80,245 lbs, Turksib, Leningrad; (Quirigua) 14,200 lbs, Cartagena; Porto Colombia; 2,594 lbs, Mohikana, Honolulu; 8,434 lbs, Frida, Buenaventura; 1,808 lbs, Veragua, Limon; 18,315 lbs, Greystoke Castle, Manila; 1,450 lbs, San Juan, Ponce; 5,730 lbs, Porto Rico, Ponce; 7,620 lbs, New Brunswick, Monrovia
PASTE—2,160 lbs, Porto Rico, Mayaguez
THINNER—600 gls, Frida, Buenaventura
PASTE, LINOLEUM — 11,405 lbs, American Farmer, London
PARAFFIN—88,310 lbs, Westernland, Southampton; (Exermont) 11,215 lbs, Thessalonika; 339,070 lbs, Malta; (Santa Paula) 75,610 lbs, Cartagena; 226,075 lbs, La Guaira; 14,200 lbs, Quirigua, Cartagena; (Santa Lucia) 52,885 lbs, Guayaquil; 22,165 lbs, Callao; (Santa Barbara) 50,503 lbs, Champerico; 93,115 lbs, Buenaventura; 22,153 lbs, Callao; 59,198 lbs, Tussania, Glasgow; 44,921 lbs, Kyno, Newcastle; 38,231 lbs, Frida, Paita; 6,660 lbs, Veragua, Havana; 22,457 lbs, Drottningholm, Gothenburg; 41,066 lbs, Agwidale, Progresso; (Santa Rita) 67,815 lbs, Buenaventura; 11,151 lbs, Pacasmayo; 22,280 lbs, Acajutla; 24,260 lbs, Salaverry; 33,415 lbs, Champerico; 11,300 lbs, Buenaventura; 45,217 lbs, Callao; 11,100 lbs, Exhibitor, Thessalonika; 22,200 lbs, Schodack, Havre; 214,545 lbs, Franconia, Liverpool; 523,977 lbs, Black Heron, Antwerp
SCALE—(Nieuw Amsterdam) 48,505 lbs, Rotterdam; 61,026 lbs, Amsterdam; (Black Heron) 17,291 lbs, Antwerp; 169,328 lbs, Rotterdam
PETROLATUM, MEDICINAL — 70,720 lbs, American Farmer, London
PETROLEUM, REFD—1,000 gls, Primo, Point Pitre; 15,000 gls, Borinquen, Ciudad; 9,000 gls, Dromore Castle, St Helena; 2,000 gls, San Juan, Aguadilla; (New Brunswick) 1,000 gls, Las Palmas; 18,000 gls, Conakry; 22,000 gls, Freetown; 4,500 gls, Monrovia; 500 gls, Port Bouet; 250 gls, Takoradi; 250 gls, Accra; 6,000 gls, Grand Popo; 250 gls, Lagos; 250 gls, Port Harcourt
PHOSPHATE—7,700 lbs, Kyno, Hull
RESIN—9,101 lbs, American Farmer, London; 3,285 lbs, Nieuw Amsterdam, Rotterdam
SYNTHETIC—605 lbs, Tuscania, Glasgow
RESORCIN, TECH—10,891 lbs, Turksib, Leningrad
ROSIN—5,377 lbs, American Farmer, London; 11,188 lbs, Kyno, Hull; 3,379 lbs, Black Heron, Antwerp
RUBBER ACCELERATORS—33,329 lbs, Franconia, Liverpool
SALTPETER—5,575 lbs, Musa, Buenaventura
SOAP—7,100 lbs, Mohikana, Honolulu; 11,250 lbs, Birmingham City, Honolulu; (San Juan) 1,363 lbs, Ponce; 13,530 lbs, Aguadilla; (Porto Rico) 35,655 lbs, San Juan; 11,275 lbs, Ponce; 5,600 lbs, Mayaguez; 5,200 lbs, Schodack, Havre
SODA, ALUMINATE—19,137 lbs, American Farmer, London
ASH—4,444 lbs, Quirigua, Porto Colombia; 2,346 lbs, Mohikana, Honolulu; 6,480 lbs, Musa, Santa Marta; 69,235 lbs, Santa Rita, Panama
BENZOATE—1,740 lbs, Camamu, Rio Janeiro
BICARBONATE—7,200 lbs, Frida, Buenaventura; 22,200 lbs, Agwistar, Tampico; 6,015 lbs, Santa Rita, Mazatlan
BICHROMATE—5,060 lbs, Frida, Antofagasta
BROMIDE—95,240 lbs, Turksib, Leningrad
CAUSTIC—(Almena) 72,347 lbs, San Pedro; 3,480 lbs, Veragua, Havana; 16,100 lbs, Birmingham City, Honolulu; 475,010 lbs, Agwistar, Tampico; 195,080 lbs, Agwidale, Tampico; (Santa Rita) 11,750 lbs, Pisco; 20,115 lbs, Champerico; 12,515 lbs, Buenaventura; 17,542 lbs, Callao; 8,700 lbs, Amapala, Guantanamo
CITRATE—287 lbs, Musa, Panama
PHOSPHATE—(Kyno) 3,500 lbs, Hull; 11,368 lbs, Newcastle
SODA PHOSPHATE TRI—11,893 lbs, Franconia, Liverpool
PYROPHOSPHATE—1,700 lbs, Veragua, Havana
SILICATE—44,450 lbs, Veragua, Havana
SULPHIDE—7,957 lbs, Quirigua, Porto Colombia
STARCH—1,551 lbs, Mohikana, Honolulu; 2,730 lbs, Nieum Amsterdam, Rotterdam; 2,626 lbs, Veragua, Havana
CORN—2,253 lbs, Santa Paula, Porto Colombia; (Mohikana) 8,173 lbs, Honolulu; 1,978 lbs, Kahului; 2,388 lbs, Port Allen; 62,260 lbs, Kyno, Newcastle; 2,000 lbs, Veragua, Havana; 17,000 lbs, Drottningholm, Gothenbuhg-Stockholm; 1,050 lbs, Greystoke Castle, Manila; 3,525 lbs, San Juan, Ponce; 2,000 lbs, Amapala, Santiago; 301 lbs, Dromore Castle, Lourenco Marques
SULPHUR—48,115 lbs, Hertford, Sydney
SUPERPHOSPHATE—14,750 lbs, American Farmer, London
TALC—44,800 lbs, Tuscania, Glasgow; 3,086 lbs, Pan America, Rio Janeiro; 112,000 lbs, Franconia, Liverpool
TANNING EXTRACT—2,630 lbs, Exermont, Varna; 1,914 lbs, Nieuw Amsterdam, Rotterdam; 2,539 lbs, Veragua, Havana
TURPENTINE—660 gls, Musa, Ilo; 6,000 gls, Camamu, Rio Janeiro
VARNISH—763 lbs, Quirigua, Porto Colombia; 2,700 lbs, Musa, Buenaventura; 1,342 lbs, Pan America, Rio Janeiro
WITCH HAZEL EXTRACT—525 lbs, Frida, Callao
ZINC DUST—2,034 lbs, New Brunswick, Takoradi
OXIDE—21,870 lbs, Pan America, Buenos Aires

Baltimore Exports

Clearance Dates

Bonheur, October 5; Cold Harbor, September 29; Foylebank, October 3; Jan, October 3; Korsholm, October 3; Maasdam, September 30; Manchester Producer, October 3; San Angelo, October 1; Sessa, October 1

ACID, CHROMIC—15,680 lbs, Cold Harbor, Manchester; 13,440 lbs, Manchester Producer, Manchester; 11,000 lbs, Korsholm, Gothenburg
ASPHALT, SOLID—104,607 lbs, Cold Harbor, Liverpool; 21 tons, Maasdam, Rotterdam; 433,451 lbs, Manchester Producer, Liverpool
BORAX—20,000 lbs, Jan, Windsor, N S
CALCIUM ARSENATE—8,000 lbs, San Angelo, Huacho
CORNFLOUR—28,000 lbs, Cold Harbor, Liverpool
FERROMANGANESE—2,240 lbs, Foylebank, Hongkong
GLASS FRIT CRSHD—40,000 lbs, Manchester Producer, Manchester
GREASE, LUBRICATING—6,207 lbs, Maasdam, Rotterdam; 4,406 lbs, San Angelo, Guatemala
LACQUER—151 gls, Foylebank, Shanghai
OYSTER SHELLS—20 tons, Jan, Windsor, N S
OIL, FLOTATION—40,000 lbs, Sessa, San Antonio
LUBRICATING—25 gls, Korsholm, Karlstad
MINERAL PETROLEUM—5,400 gls, Cold Harbor, Manchester
PAINT, PREPARED—1,360 gls, Foylebank, Manila
ROSIN—56,000 lbs, Jan, Windsor, N S
RUTILE—20,160 lbs, Cold Harbor, Liverpool
SMALTZ YELLOW—650 lbs, Foylebank, Manila
SOAP POWDER—6,120 lbs, San Angelo, Panama
SODA, BICHROMATE—44,800 lbs, Cold Harbor, Manchester; 22,400 lbs, Korsholm, Helsingborg; 22,400 lbs, Bonheur, Buenos Aires
NITRATE—50 tons, Jan, Windsor, N S
STARCH—11,200 lbs, Cold Harbor, Liverpool
SUPERPHOSPHATE—6,155,510 lbs, Jan, Windsor, N S

Beaumont Exports

Clearance Dates

Effingham, September 28; Jotunfjell, September 28; West Harshaw, September 20

BLACK, CARBON—800 bgs, Effingham, Glasgow; 2,469 bgs, West Harshaw, Glasgow
KEROSENE—265,000 gls, Jotunfjell, Santos
SOAPSTOCK—(West Harshaw) 83 bbls, Belfast-Glasgow; 100 bbls, Glasgow
SULPHUR — 800 bgs, Effingham, Glasgow; (West Harshaw) 200 bgs, Belfast; 900 bgs, Glasgow

Boston Exports

Clearance Dates

Carrillo, October 4; Edam, October 5; Evangeline, October 3, 5 and 7; Franconia, October 3; Mangalore, September 30; Nova Scotia, October 3; Silversandal, October 7; Yarmouth, October 7

ACID, NITRIC—25 crbys, 3,500 lbs, Carrillo, Havana
ALUMINA, OXIDE—1,305 bgs, 92 kgs, 159,056 lbs, Mangalore, London
SULPHATE—(Carrillo) 7 bbls, 2,275 lbs, Niquero; 990 bgs, 198,000 lbs, Barranquilla
BAKING POWDER—8 crts, 70 bxs, 30 pls, 4,200 lbs, Nova Scotia, St John's, N F
BLUE, LAUNDRY—1 cs, 60 lbs, Evangeline, Halifax
BRISTLES—12 cs, 1,305 lbs, Yarmouth, St John, N B
CEMENT, CAN—(Franconia) 12 dms, 5,685 lbs, Zuider Paarl; 8 dms, 3,648 lbs, Wellington
RUBBER—4 dms, 112 gls, Nova Scotia, St John's, N F; 5 dms, 45 lbs, Evangeline, Windsor, N S
SHOE—2 cs, 24 gls, Carrillo, Havana
CLAY—393 bbls, 48 tons, Mangalore, London
CREAM TARTAR—3 crtns, 180 lbs, Nova Scotia, St John's, N F
DRESSING, LEATHER—20 dms, 1,038 gls, Mangalore, Walsall; 3 dms, 135 lbs, Nova Scotia, St John's, N F
SHOE—37 cs, 1,986 lbs, Carrillo, Havana
FLUX — 5 dms, 675 lbs, Franconia, Zuider Paarl
GLUE, FISH — 10 bbls, 555 gls, Mangalore, London
PHOTO-ENGRAVING—8 bbls, 438 gls, Mangalore, London
GREASE, LUBRICATING — 12 pls, 600 lbs, Franconia, Liverpool
SOAP—22 bbls, 10,600 lbs, Carrillo, Havana
GUM, LABEL—4 dms, 340 lbs, Mangalore, London
INK, WRITING—18 pkgs, Mangalore, Bombay
INVALID'S FOOD—4 cs, 95 lbs, Carrillo, Havana
KEROSENE—50 bbls, 2,750 gls, Nova Scotia, St John's, N F
LARD—550 bgs, 15,400 lbs, Mangalore, London; 350 bgs, 9,800 lbs, Franconia, Liverpool
MEDICINAL PREPS—2,138 bdls 540 bxs, Mangalore, London; 6 crtns, 258 lbs, Franconia, Dublin; 1 cs, 20 lbs, Carrillo, Havana
MOLASSES—85 dms, 2 bbls, 4,910 gls, Yarmouth, St John, N B; 40 bbls, 2,200 gls, Edam, Rotterdam
OIL, COALTAR—10 dms, 4,880 lbs, Carrillo, Havana
COCONUT — 25 dms, 11,157 lbs, Nova Scotia, Halifax, N S
CUTTING—1 crtn, 5 gls, Evangeline, Yarmouth
LUBRICATING—3 dms, 150 gls, Evangeline, Yarmouth; (Yarmouth) 1 dm, 50 gls, St John, N B; 2 dms, Charlottetown; 4 cs, 60 gls, Franconia, Liverpool
MINERAL—3 bbls, 165 gls, Nova Scotia, St John's, N F
MOTOR, USED—1 bbl, 450 lbs, Evangeline, Yarmouth
RAYON—176 dms, 9,471 gls, Franconia, Coventry, England
PASTE, TIN—1 dm, 70 lbs, Mangalore, London
POLISH, SHOE—2 cs, 20 gls, Carrillo, Havana; 3 cs, 360 lbs, Mangalore, Bahrain; 25 cs, 250 gls, Franconia, Leicester
SILVER—20 crtns, 860 lbs, Yarmouth, St John, N B
STOVE—54 cs, 1,980 lbs, Yarmouth, St John, N B
PUTTY—1 pl, 15 lbs, Evangeline, Yarmouth
ROSIN—11 dms, 4,400 lbs, Silversandal, Shanghai
SOAP—20 cs, 618 lbs, Carrillo, Havana
FLAKE—(Carrillo) 1 cs, 33 lbs, Fort Davis, C Z; 110 cs, 3,678 lbs, Havana
POWDER—3 cs, 113 lbs, Carrillo, Fort Davis, C Z
TAR—(Carrillo) 4 cs, 100 lbs, Fort Randolph, C Z; 12 cs, 300 lbs, Fort Davis, C Z; 165 cs, 4,125 lbs, Havana
TOILET—(Carrillo) 4 cs, 95 lbs, Fort Randolph, C Z; 8 cs, 190 lbs, Fort Davis, C Z; 165 cs, 3,919 lbs, Havana; 1,250 cs, 29,688 lbs, Silversandal, Manila
SPICES—2 cs, 382 lbs, Nova Scotia, St John's, N F
TANNING EXTRACT—7 bbls, 1 dm, 4,062 lbs, Carrillo, Havana
TOILET PREPS — 6 crtns, Nova Scotia, St John's, N F
WAX, BEES—5 cs, 687 lbs, Franconia, Birmingham
SHOE—1 crtn, 50 lbs, Nova Scotia, St John's, N F; 6 cs, 260 lbs, Carrillo, Havana

Corpus Christi Exports

Clearance Dates

Altair, September 25; Omphale, October 1; Petrofina, September 28; Regina, September 15; Solarium, September 22

GASOLENE—70,319 bbls, Solarium, Lands End
OIL, FUEL—6,449 bbls, Regina, Copenhagen
PETROLEUM, CRUDE — 21,638 bbls, Regina, Copenhagen; 63,368 bbls, Altair, Naples; 111,805 bbls, Petrofina, Dunkirk; 63,602 bbls, Omphale, Donges

Galveston Exports

Clearance Dates

Arica, October 1; Bonneville, October 4; Endicott, October 4; Kentucky, October 4; Stella Lykes, October 3; Marina O, October 4; Scottsburg, September 30; Stigstad, September 30

BLACK, CARBON—21 tons, Scottsburg, Antwerp; 4 tons, Endicott, Marseilles
CONCENTRATES—480 tons, Scottsburg, Havre
GASOLINE—2,000 tons, Stigstad, United Kingdom
POTASH MURIATE—5,200 tons, Bonneville, Antwerp
SULPHUR — (Arica) 800 tons, Rouen; 1,300 tons, Dunkirk; 1,500 tons, Antwerp; 4,000 tons, Marina O, Marseilles; 190 tons, Kentucky, Copenhagen; 2,513 tons, Endicott, Marseilles

Houston Exports

Clearance Dates

American Press, September 29; Arica, October 4; Endicott, October 1; Laura C, September 30; Monfiore, September 29; Onoba, October 4; Pagao, September 30; Regent Tiger, October 4; Rigmar, October 4; San Arcadio, September 29; Scottsburg, September 28; Stigstad, October 4; Toronto, September 28; West Cohas, September 29

BLACK, CARBON—(Scottsburg) 387 cs, 4,000 bgs, Havre; 1,792 bgs, Antwerp; 50 cs, Rotterdam; (Toronto) 487 cs, Gothenburg; 100 cs, Copenhagen; 2,857 bgs, Gdynia; (West Cohas) 625 bgs, 25 cs, Liverpool; 6,500 bgs, 115 cs, Manchester; (Laura C) 1,763 bgs, Trieste; 616 bgs, Venice; (Endicott) 175 cs, 300 bgs, Genoa; 30 cs, Marseilles
GASOLINE—7,400 tons, San Arcadio, United Kingdom; 118,000 bbls, Regent Tiger, London; 6,200 tons, Onoba, Holland; 5,000 tons, Stigstad, Whitebooth Roads and Preston
KEROSENE—3,100 tons, San Arcadio, United Kingdom
LUBRICANTS—(Toronto) 294 pkgs, Oslo; 167 pkgs, Copenhagen; 30 tons, American Press, Cristobal
NAPHTHA, HEAVY — 9,000 tons, Rigmor, Curacao
OCTYLENE, HYDROLIZED — 2,000 tons, Onoba, Holland
OIL, FUEL—8,500 tons, Pagao, La Spezia
LUBRICATING—750 tons, Monfiore, Genoa; 130 dms, Arica, Havre-Dunkirk

Lake Charles Exports

Clearance Dates

Arica, September 30; Cranford, September 27; Stella Lykes, October 3; Velma Lykes, September 29

LARD—(Stella Lykes) 225 tins, Ponce; 50 tins, Aguadilla; 250 tins, Mayaguez; 100 tins, Arecibo; 375 tins, San Juan
OIL, PINE—24 dms, Arica, Havre
ROSIN—(Cranford) 108 dms, Antwerp; 100 dms, Rotterdam
TURPENTINE—1 dm, Velma Lykes, Ponce; 105 dms, Cranford, Antwerp; 21 dms, Stella Lykes, Port au Prince

Los Angeles Exports

Clearance Dates

Besholt, September 27; Bralanta, September 23; California Standard, September 29; Chichibu, September 23; Cingalese Prince, September 27; City of Newport News, September 25; Cuzco, September 24; Este, September 26; Ima, September 24; Irisbank, September 24; Isthmian, September 28; La Brea, September 28; Moldanger, September 27; Nippon, September 27; Peter Larsen, September 27; Saparoea, September 24; Silvermaple, September 28; Steel Exporter, September 28; Tatekawa, September 26; Yamakaze, September 26

ACETONE—(Este) 62 dms, 22,200 lbs, Antwerp; 3 dms, 300 lbs, Saparoea, Calcutta
ACID, BORIC—(Este) 3,300 bgs, 362,180 lbs, Hamburg; 3,000 bgs, 336,000 lbs, Antwerp
CRESYLIC—(Cingalese Prince) 12 dms, 5,230 lbs, Manila; 5 dms, 2,080 lbs, Hongkong
SULPHURIC—5 cbys, 920 lbs, Cuzco, Amapala
ALCOHOL, BUTYL—(Yamakaze) 35 dms, 12,920 lbs, Yokohama; 85 dms, 31,370 lbs, Osaka
BORATE—9,277 bgs, 1,686,730 lbs, Este, Hamburg; 511 sx, 84,920 lbs, Yamakaze, Yokohama
BORAX—(Este) 8,000 bgs, 896,000 lbs, Hamburg; 8,698 bgs, 982,130 lbs, Antwerp; 2,370 bgs, 264,590 lbs, Rotterdam; 1,344 sx, 148,180 lbs, Yamakaze, Yokohama; 800 sx, 88,400 lbs, Chichibu, Yokohama; 1,200 bgs, 134,400 lbs, Saparoea, Calcutta; 1,367 sx, 150,710 lbs, Besholt, Osaka
CALCIUM, CHLORIDE—7 dms, 2,100 lbs, Cuzco, Callao
CASSIA—158 bls, 13,600 lbs, Moldanger, Rotterdam
CLAY, GRD—441 sx, 44,800 lbs, Saparoea, Calcutta
CLEANER—95 cs, 5,370 lbs, Irisbank, Shanghai; 75 cs, 3,940 lbs, City of Newport News, Cristobal; 70 cs, 3,570 lbs, Cingalese Prince, Shanghai
COPPERAS—1,000 lbs, Cuzco, Amapala
ETHER, ISOPROPYL—613 dms, 201,680 lbs, Yamakaze, Kobe
ETHYL KETONE—37 dms, 13,540 lbs, Yamakaze, Yokohama
FULLER'S EARTH—100 bgs, 10,000 lbs, Cuzco, Callao
GASOLINE—(Cuzco) 150 dms, 49,330 lbs, Amapala; 100 dms, 32,890 lbs, Corinto; 1,746 bbls, 455,710 lbs, Bralanta, Yokohama; (California Standard) 66,350 bbls, 17,317,350 lbs, Avonmouth; 66,349 bbls, 17,317,090 lbs, Bowling
GLASS, WINDOW—400 lbs, Cuzco, Amapala
GREASE—17 pkgs, 1,340 lbs, Saparoea, Batavia
INFUSORIAL EARTH—(Saparoea) 70 bgs, 7,000 lbs, Manila; 40 bgs, 3,900 lbs, Cuzco, Corinto; 612 bgs, 62,120 lbs, Calcutta; (Moldanger) 20 bgs, 2,030 lbs, Havre; 110 bgs, 11,170 lbs, Antwerp
INK, DUPLICATING—210 lbs, Isthmian, San Juan
KEROSENE—2,000 cs, 170,000 lbs, Saparoea, Penang; 3,000 cs, 255,000 lbs, Silvermaple, Manila
DISTILLATE—3,313 bbls, 944,210 lbs, Cingalese Prince, Hongkong
LACQUER, NITROCELLULOSE—1,890 lbs, Cuzco, Mexico; 470 lbs, Saparoea, Madras
THINNER—980 lbs, Saparoea, Madras
LEAD OXIDE—600 lbs, Irisbank, Hongkong
NAPHTHA—40 dms, 12,100 lbs, La Brea, Vancouver
OIL, COTTONSEED—25 cs, 10 dms, 6,120 lbs, Cingalese Prince, Manila
COTTONSEED FLAKES—2,000 bgs, 200,000 lbs, Besholt, Manila
DIESEL—765 bbls, 238,860 lbs, Irisbank, Manila; (Bralanta) 14,369 bbls, 4,483,130 lbs, Tsurumi; 31,881 bbls, 9,946,870 lbs, Onagawa-Yokohama; 1,304 bbls, 406,850 lbs, Peter Larsen, Porto Armuelles; 25,640 bbls, 7,999,680 lbs, La Brea, Vancouver
FUEL—82,058 bbls, 27,325,310 lbs, Tatekawa, Yokosuka; 19,784 bbls, 6,588,070 lbs, Bralanta, Tsurumi; 66,036 bbls, 21,989,990 lbs, Ima, Niigata
LEMON—5 bxs, 210 lbs, Cingalese Prince, Manila
LUBRICATING—65 dms, 32,590 lbs, Irisbank, Manila
ORANGE—3 pkgs, 820 lbs, Moldanger, Havre
PAINT—54 pkgs, 14,340 lbs, Silvermaple, Singapore
LIQUID—6,530 lbs, Irisbank, Manila
PEPPER—10 bgs, 1,510 lbs, Cuzco, Acajutla
BLACK—(Cuzco) 50 bgs, 7,460 lbs, Manzanillo; 17 bgs, 2,550 lbs, San Jose; 420 lbs, Amapala
PETROLEUM, CRUDE—32,076 bbls, 10,007,710 lbs, Bralanta, Yokohama; 85,318 bbls, 26,619,220 lbs, Nippon, Tokuyama; 45,451 bbls, 14,180,710 lbs, La Brea, Ioco
DISTILLATE—20 dms, 7,050 lbs, Cingalese Prince, Manila
POTASH, MURIATE—2,688,000 lbs, Este, Antwerp; 3,000 bgs, 600,000 lbs, Isthmian, Mayaguez
SODA, ASH—6,000 bgs, 672,000 lbs, Saparoea, Calcutta
CAUSTIC—30 cs, 1,550 lbs, Irisbank, Manila
CYANIDE — 9 dms, 2,020 lbs, Cingalese Prince, Hongkong
SOLVENTS—100 dms, 31,750 lbs, Besholt, Yokohama
SULPHUR — 28,390 lbs, Cuzco, San Jose de Guatemala
TANNING EXTRACT—(Cuzco) 1,150 lbs, Mexico City; 2,000 lbs, Manzanillo
TOILET PREPS—1,790 lbs, Irisbank, Manila; 360 lbs, Steel Exporter, London; (Cuzco) 1,100 lbs, Guatemala City; 480 lbs, San Salvador; 370 lbs, Managua; (Saparoea) 1,800 lbs, Singapore; 850 lbs, Rangoon; 1,700 lbs, Moldanger, Havre
VARNISH—610 lbs, Irisbank, Manila
WATER TREATING COMP—6 dms, 3,360 lbs, Irisbank, Manila
ZINC DUST—300 lbs, Cuzco, Amapala
SULPHATE — 10 bbls, 4,000 lbs, Cingalese Prince, Hongkong

Mobile Exports

Clearance Dates

Norderney, September 28; San Luis, October 4; Sorvangen, September 29

CLEANER—5 cs, Sorvangen, Georgetown
PINETAR—25 dms, Sorvangen, Georgetown
ROSIN—133 bbls, Norderney, Montevideo; (Sorvangen) 1 dm, St Vincent; 14 bbls, Port of Spain
TURPENTINE—10 dms, Sorvangen, St Vincent; 25 cs, San Luis, Havana
SPIRITS—250 cs, Norderney, Buenos Aires

New Orleans Exports

Clearance Dates

Annavore, October 3; Arsa, September 24; Austvangen, September 13; Bilderdijk, September 30; Cranford, September 30; Dryden, September 20; Eglantine, September 30; Goslar, September 16; Gylfe, September 21; Lysefjord, September 14; Nicolo Odero, September 26; San Mateo, September 16; Santa Marta, September 9; Sinaloa, September 10; Sixaola, September 13; Sorvangen, September 26; Spaarndam, September 30; Tabian, September 20; Tatuno, September 30; Toloa, September 6, 16
ASPHALT—19 tons, Goslar, Sydney; 30 tons, Dryden, London; 10 tons, Spaarndam, Rotterdam; 500 dms, Sixaola, Belize; 25 tons, Eglantine, London; 12 tons, San Mateo, Havre; 31 tons, Dryden, Havre
BLACK, CARBON—(Tabian) 20 cs, Port Swettenham; 10 cs, Singapore; 4,200 sx, Batavia; (Goslar) 2 tons, Brisbane; 36 tons, Sydney; 15 tons, Melbourne; 660 sx, Nicolo Odero, Genoa; 49 tons, 10 cs, San Mateo, Havre; (Dryden) 18 tons,

Havre; 33 tons, London; (Bilderdijk) 15 tons, London; 35 tons, Antwerp; 3 tons, Rotterdam; (Spaarndam) 61 tons, London; 5 tons, Rotterdam; 57 tons, Eglantine, London; 27 tons, Cranford, Havre

CALCIUM ARSENATE—300 dms, Toloa, Callao
CHEMICALS—2,400 sx, Lysefjord, Santiago
SPECIALTY—1 kg, Tabian, Penang
CLAY—16 tons, Dryden, Rotterdam; 27 tons, Spaarndam, Antwerp
COALTAR—3 dms, Sixaola, Belize
COCOA WASTE—42 tons, Bilderdijk, Amsterdam
CORN SYRUP—46 tons, Bilderdijk, London; 47 tons, Spaarndam, London; 210 tons, Eglantine, Hull
COTTONSEED HULL SHAVING PULP—22 tons, San Mateo, Havre; 5 tons, Cranford, Havre; 98 tons, Bilderdijk, Antwerp
MEAL—8,000 sx, Annavore, Matanzas; 1,600 sx, Toloa, Havana
DISTILLATE—200 dms, Toloa, Tela
FIRECLAY—2 tons, Goslar, Sydney; 156 sx, 3 dms, Sorvangen, Port of Spain; 14 tons, Toloa, Valparaiso; 9 tons, Lysefjord, Kingston
GASOLINE—921 tons, Tatuno, Yokohama; 30 cs, 20 dms, Sinaloa, Bluefields
GREASE, LUBRICATING—(Austvangen) 30 ctns, Port au Prince; 6 kgs, 40 ctns, Ciudad Trujillo; 15 dms, Toloa, Puerto Barrios
INK—(Santa Marta) 5 dms, Havana; 34 dms, Buenaventura; (Toloa) 10 dms, Havana; 4 dms, Cartagena
INVALIDS FOOD — 105 ctns, Sorvangen, Georgetown; 1 ton, Toloa, Havana
KEROSENE—(Toloa) 30 dms, 250 tins, Puerto Barrios; 450 cs, Puerto Limon; 100 dms, Tela; 250 cs, 10 dms, Sinaloa, Bluefields; 44 dms, Santa Marta, Puerto Limon; (Sixaola) 200 cs, Belize; 100 dms, Puerto Barrios
LARD—(Austvangen) 250 tins, 35 cs, Port au Prince; 250 tins, Willemstad; 1,400 tins, La Guaira; (Santa Marta) 810 dms, 29 crts, 100 tins, Havana; 50 tins, Panama; 1,300 tins, Puerto Limon; 1,000 tins, Cartagena; 1,000 tins, Puerto Colombia; (Toloa) 31 cs, 500 tins, 600 dms, Havana; 100 tins, 10 crts, Puntarenas; 30 dms, 250 tins, Puerto Barrios; 10 crts, 600 tins, Puerto Limon; 6 dms, Arica; 39 crts, Sixaola, Belize; 45 tins, 10 crts, Lysefjord, Santiago
LIGNIN LIQUOR—134 dms, Lysefjord, Santiago
MILK, STERILIZED—1 ton, Sixaola, Belize
OIL—50 dms, Austvangen, Willemstad
FUEL—900 bbls, Austvangen, Moengo; 200 dms, Toloa, Tela; 30 dms, Sinaloa, Bluefields; (Sixaola) 150 dms, Belize; 100 dms, Puerto Cortez
GAS—9,000 tons, Gylfe, Rotterdam
LINSEED—10 kits, Sorvangen, Port of Spain; 240 dms, Toloa, Cristobal
LUBRICATING—10 dms, Tabina, Belawan Deli; (Goslar) 4 tons, Brisbane; 7 tons, Sydney; 1 ton, Adelaide; (San Mateo) 54 tons, Havre; 3 tons, Dunkirk; 14 tons, Antwerp; (Dryden) 33 tons, Havre; 18 tons, London; 14 tons, Rotterdam; (Toloa) 30 dms, 25 crts, 5 cs, 70 ctns, Puerto Barrios; 2 dms, 15 crts, Panama City; 20 dms, Havana; 4 dms, Tela; 144 cs, 70 pls, 81 dms, Santa Marta, Havana; (Bilderdijk) 14 tons, London; 12 tons, Antwerp; 10 dms, Sixaola, Puerto Cortez; 118 tons, Eglantine, Hull; 14 tons, Cranford, Rotterdam; 151 tons, Arsa, Marseilles
PINE—2 tons, Goslar, Melbourne; 12 dms, Santa Marta, Coquimbo
REFINED—25 dms, Santa Marta, Acajutla
PARAFFIN—(Bilderdijk) 10 tons, London; 1 ton, Antwerp; 2 tons, Rotterdam; 11 tons, Spaarndam, Antwerp
SCALE—141 tons, Spaarndam, Antwerp
PETROLATUM—29 tons, Goslar, Sydney; 22 tons, Dryden, London; 5 tons, Bilderdijk, London; 16 tons, Cranford, Havre; 11 tons, Arsa, Marseilles
PHENOL—5 tons, Spaarndam, Antwerp
PINETAR—25 dms, Tabina, Batavia; 10 tons, Goslar, Sydney; 16 tons, Melbourne; 3 dms, Sixaola, Belize; 7 tons, Cranford, Havre
ROSIN—(Austvangen) 15 dms, Port au Prince; 10 dms, Puerto Cabello; (Tabian) 125 dms, Singapore; 225 dms, Batavia; 100 dms, Semarang; 30 dms, Macassar; (Goslar) 8 tons, Brisbane, 20 tons, Sydney; 32 tons, Melbourne; 23 tons, Dryden, Antwerp; (Santa Marta) 5 dms, Panama; 200 sx, Cartagena; 200 sx, Puerto Colombia; 50 dms, Buenaventura; 58 tons, Cranford, Rotdam
GUM—25 dms, Santa Marta, Panama; 45 dms, Toloa, Panama
WOOD—264 tons, Dryden, Antwerp; 30 dms, Santa Marta, Havana; (Toloa) 12 dms, Puntarenas; 15 bbls, Puerto Limon; 12 dms, Buenaventura; 23 tons, Bilderdijk, Antwerp
SALT—15 bbls, Austvangen, Port au Prince; 7 bbls, Sorvangen, Kingston; 2 tons, Sinaloa, Bluefields; (Santa Marta) 25 tons, Havana; 50 tins, Panama; (Toloa) 90 tons, Havana; 1 ton, Puerto Limon; 22 tons, Sixaola, Belize
BLOCK—3 tons, Toloa, Tela
TABLE—225 sx, Austvangen, Ciudad Trujillo
SHRIMP BRAN—(Santa Marta) 20 sx, Cristobal; 300 sx, Panama; (Toloa) 30 sx, Cristobal; 223 sx, Panama
SOAP—200 ctns, Sinaloa, Bluefields
SODA, SILICATE—10 bbls, Sorvangen, Bridgetown
SOYBEAN MEAL—300 sx, Sorvangen, Bridgetown
SUPERPHOSPHATE — 3,003 tons, Annavore, Matanzas
TRIPOLI—5 tons, Goslar, Sydney; 15 tons, Bilderdijk, London; 16 tons, Cranford, Rotterdam
FLOUR—3 tons, Goslar, Sydney
TURPENTINE—(Goslar) 2 tons, Brisbane; 15 tons, Sydney; 12 tons, Melbourne; 3 tons, Adelaide; 2 tons, Dryden, Antwerp; 60 cs, Toloa, Havana
WOOD—60 dms, Santa Marta, Havana
WAX—150 sx, Toloa, Puerto Colombia; 162 tons, Eglantine, Hull
MINERAL—1 ton, Bilderdijk, London

Norfolk Exports

Clearance Dates

Gudvor, October 1; Korsholm, October 4; Manchester Exporter, September 18; Mangalore, September 22; Tai Yang, October 1; Waukegan, September 22

ACETONE—15 dms, Waukegan, London
ALCOHOL, DIACETONE—2 dms, Waukegan, London
AMMONIA SULPHATE — 3,015 tons, Gudvor, Pasajes
BUTYL CARBITOL—1 dm, Waukegan, London
ETHYLENEGLYCOLMONOBUTYLETHER — 25 dms, Waukegan, London
ETHYLENEGLYCOLMONOETHYLETHER — 200 dms, Waukegan, London
ETHYLENEGLYCOLMONOMETHYLETHER —10 dms, Waukegan, London
FIRECLAY—600 bgs, 60,600 lbs, Waukegan, London
ISOPROPYL ACETATE—70 dms, 108,340 lbs, Waukegan, London
MICA, GRD — 40 bgs, 4,000 lbs, Korsholm, Gothenburg
PULVERIZED—45 bgs, 4,590 lbs, Waukegan, London
MONOETHANOLAMINE — 5 dms, Waukegan, London
PROPYLENEGLYCOL — 3 dms, Waukegan, London
SILICA, GRD—210 bgs, 21 tons, Manchester Exporter, Manchester
SOLVENT, PAINT—20 dms, 12,382 lbs, Mangalore, London
TANNING EXTRACT—(Manchester Exporter) 250 bbls, 149,533 lbs. Liverpool; 200 bbls, 119,122 lbs, Manchester
TRIETHANOLAMINE — 10 dms, Waukegan, London

Philadelphia Exports

Clearance Dates

Barbara, October 7; Black Eagle, October 3; Bochum, October 6; Brastagi, September 30; Capillo, October 3; Cold Harbor, October 1; Dunstan, October 1; Excello, October 7; Hammaren, October 3; San Bernardino, October 3; Scottish Prince, October 3; Steel Seafarer, October 3; Vaclite, October 3; Voco, September 30; Yamazuki, October 4

ACETONE—11 dms, San Bernardino, Cristobal
ALUMINA SULPHATE—1,120 bgs, Barbara, San Juan
AMMONIA NITRATE—75 dms, Brastagi, Batavia
ASPHALT—(Cold Harbor) 30 dms, Manchester; 5 dms, Glasgow
CEMENT, GASKET—15 ctns, Steel Seafarer, Manila
ROOF—1 bx, Steel Seafarer, Manila
CHALK—400 pkgs, Black Eagle, Antwerp
PRECIPITATED—400 bgs, Capillo, London
CHEMICALS—(Black Eagle) 63 pkgs, Rotterdam; 440 pkgs, Antwerp
CLEANER—(San Bernardino) 2 bbls, 2 cs, Fort Davis; 1 bx, 2 bbls, Panama
COALTAR PROD—10 bbls, Dunstan, Pernambuco; 6 pkgs, Black Eagle, Antwerp
COCOA CAKE—1,600 pkgs, Black Eagle, Amsterdam
WASTE—634 pkgs, Black Eagle, Amsterdam
COLORS, DYE RESISTING—2 bxs, Cold Harbor, Manchester
DYES, ANILINE—26 dms, Dunstan, Pernambuco
DYESTUFFS—(Black Eagle) 26 pkgs, Rotterdam; 14 pkgs, Antwerp; 16 pkgs, Bochum, Hamburg
DYEWOOD EXTRACT—110 bbls, Cold Harbor, Glasgow
EMERY—2 pkgs, Black Eagle, Rotterdam
ETHYL FLUID—450 dms, Capillo, London; 70 pkgs, Black Eagle, Rotterdam; 250 pkgs, Bochum, Hamburg
GLUTRIN—18 bgs, Cold Harbor, Manchester
GREASE, LUBRICATING—(Brastagi) 5 cs, Penang; 27 dms, 60 pls, 20 cs, Bangkok; (Dunstan) 30 pls, Para; 3 dms, Cabedello; 2 dms, 1 bx, 5 cs, Pernambuco; (San Bernardino) 4 qtr dms, Mollendo; 1 dm, 5 pls, San Jose; 20 dms, 20 cs, Pasto; (Hammaren) 5 bbls, Gothenburg; 60 dms, Stockholm; 5 pkgs, Black Eagle, Antwerp; 1 bx, 26 dms, 6 cs, Steel Navigator, Manila
GUM, SYNTH—236 dms, Cold Harbor, Manchester
INSECTICIDE—140 ctns, Brastagi, Batavia
KEROSENE—433 bbls, Vaclite, Liverpool-London
LICORICE PASTE—55 pkgs, Black Eagle, Rotterdam
LINSEED CAKE—5,042 pkgs, Black Eagle, Rotterdam
MEDICINAL PREPS—161 pkgs, Black Eagle, Antwerp; 21 bxs, Steel Seafarer, Manila
MINERAL SPTS—104 cs, Dunstan, Para
MUCILAGE—1 bx, Steel Seafarer, Shanghai
OIL, CASTOR—2 bxs, Steel Seafarer, Manila
LUBRICATING—34,582 bbls, Vaclite, Liverpool-London; 9,422 bbls, Voco, Hamburg; (Brastagi) 75 dms, 1 cs, Penang; 3 bxs, Kuala Lampur; 115 dms, 174 cs, Singapore; 95 dms, 100 cs, Port Swettenham; 358 dms, 374 cs, Bangkok; (Dunstan) 72 cs, 35 dms, Para; 30 dms, 10 cs, Cabedello; 55 dms, 50 cs, 243 pkgs, Pernambuco; 951 pkgs, Paranagua; 292 pkgs, Bahia; 270 pkgs, Florianopolis; 40 pkgs, Maranhao; 118 pkgs, Maceio; (Yamazuki) 90 dms, 350 cs, Santos; 1 cs, Sao Paulo; (San Bernardino) 10 dms, 5 qtr dms, Mollendo; 14 dms, Antofagasta; 10 dms, 57 cs, 1 bx, San Jose; 10 dms, 13 ctns, Puerto Colombia; (Hammaren) 1,011 dms, Gothenburg; 1,011 pkgs, 312 dms, Stockholm; 195 dms, Malmo; 80 pkgs, Sundsvall; 35 dms, Helsingborg; 110 pkgs, Norrkoeping; 80 pkgs, Turku; 115 pkgs, Viipuri; (Scottish Prince) 240 pkgs, Capetown; 405 pkgs, Luderitz Bay; 645 pkgs, Walvis Bay; 805 pkgs, Durban; 380 pkgs, East London; 260 pkgs, Port Elizabeth; 1,415 pkgs, Lourenco Marques; 405 pkgs, Beira; (Black Eagle) 65 pkgs, Rotterdam; 707 pkgs, Antwerp; (Steel Seafarer) 45 dms, 558 ctns, Manila; 100 dms, 220 cs, Saigon; 315 pkgs, Bochum, Hamburg; (Excello) 600 cs, Bucharest; 45 dms, 80 porpails, Piraeus
NEATSFOOT—(Black Eagle) 15 dms, Rotterdam; 6 pkgs, Antwerp
TRANSFORMER—15,952 bbls, Vaclite, Liverpool-London
PARAFFIN—(Cold Harbor) 204 bgs, Liverpool; 213 bbls, Dublin; 51 bgs, Capillo, Dundee; (Black Eagle) 118 pkgs, Rotterdam; 178 pkgs, Amsterdam; 286 pkgs, Antwerp; 127 bbls, Bochum, Hamburg
REFINED—128 bgs, San Bernardino, Tulcahuano
SEMI-REFINED—100 bgs, San Bernardino, Cartagena
PETROLATUM—12 dms, Cold Harbor, Manchester
PHENOL—16 bbls, Black Eagle, Rotterdam
POLISH, SHOE—15 ctns, San Bernardino, Corinto
RADIATOR SOLDER—9 ctns, Steel Seafarer, Manila
RUBBING COMP—12 ctns, Steel Seafarer, Hongkong
RUTILE—100 pkgs, Black Eagle, Antwerp
SILVER NITRATE—2 cs, Steel Seafarer, Manila
SOAP—1 bx, 1 cs, San Bernardino, Panama
STARCH, CORN—10 bbls, San Bernardino, Panama
TANNING MATERIAL—5 pkgs, Black Eagle, Antwerp
TIRE COATING COMP—1 ctn, Steel Seafarer, Manila
ZINC CARBONATE—9 bbls, Steel Seafarer, Manila
ZIRCONIUM—3 pkgs, Black Eagle, Rotterdam

Port Arthur Exports

Clearance Dates

Arica, October 1; Fagerfjell, October 1; Jotunfjell, September 30; Stella Lykes, October 2; Magister, September 26; Meline, September 26; Nyholm, October 1; Rhein, October 3; Trottiera, September 26

ASPHALT—(Magister) 828 dms, 1 cs, Barranquilla; 5 dms, 5 cs, Kingston; 300 dms, Stella Lykes, Port au Prince
LIQUID—9 bxs, Magister, Kingston
PETROLEUM—1,466 dms, Arica, Antwerp
GASOLINE—(Magister) 1,000 dms, Barranquilla; 1,500 dms, Santiago de Cuba; 1,250 bbls, Antilla; 1,500 dms, Puerto Tarafa; 2,000 bbls, 10 cs, Kingston; (Jotunfjell) 32,495 bbls, Rio de Janeiro; 65,271 bbls, Santos
GREASE, LUBRICATING—(Magister) 8 dms, Barranquilla; 196 cs, 110 dms, Kingston; 545 dms, 2,688 cs, Rhein, Dairen
KEROSENE—2,875 cs, 25 bbls, Magister, Kingston; 1,000 cs, Stella Lykes, Port au Prince
OIL, LUBRICATING—(Magister) 120 dms, 6 cs, Barranquilla; 377 dms, 1,0 4 cs, Kingston; 3,529 dms, 1 cs, Rhein, Dairen
PAINT SOLVENT—15 bbls, 25 cs, Magister, Kingston
PETROLEUM, CRUDE—70,861 bbls, Meline, Bordeaux; 63,628 bbls, Trottiera, Venice; 63,411 bbls, Nyholm, Bari; 95,387 bbls, Fagerfjell, Montreal
WAX DRESSING, LIQ—10 cs, Magister, Kingston

San Francisco Exports

Clearance Dates

Adrastus, September 20; Aobasan, September 20; Bahrein, September 29; Besholt, September 17; Brajara, September 21; Cuzco, September 22; Daini Ogura, September 20; Djambi, September 17; Este, September 21; Florida, September 19; La Placentia, September 20; Manoeran, September 19; Morviken, September 17; Vito, September 21

ABRASIVE PAPER—4 cs, Manoeran, Salisbury
ACETONE—6 dms, Djambi, Bombay
ACID, BORIC—10 kgs, Djambi, Sourabaya
MURIATIC—(Cuzco) 12 crbys, Amapala; 12 crbys, San Juan del Sur; 200 crbys, Corinto
TARTARIC—3 kgs, Cuzco, Corinto
ALUMINA SULPHATE—5 bbls, Djambi, Manila
AMMONIA, ANHYDR—(Cuzco) 10 cyls, Corinto; 2 cyls, Champerico
ANISE—4 sks, Cuzco, Puntarenas
ASPHALT—(Djambi) 837 dms, Singapore; 3 pls, 7 dms, Al Khobar; 6 bbls, Ras Tanura; 2,824 bbls, Karachi; (Manoeran) 115 dms, Beira; 100 dms, 112 pkgs, Durban; 22 cs, 22 kgs, 2,304 dms, Port Elizabeth; 1,504 dms, 100 cs, Capetown; 2,550 dms, Lourenco Marques; 2,130 dms, Durban; 310 bbls, La Placentia, Vancouver; 160 dms, Este, Antwerp; (Cuzco) 5 dms, San Jose de Costa Rica; 6 dms, Puntarenas
LIQUID—5 pls, Cuzco, Guatemala City
BENZOL—50 dms, Vito, Japan
BLACK, CARBON—56 sks, Florida, Japan; 40 sks, Cito, Japan
BLEACHING POWDER—6 dms, Cuzco, La Libertad
BONE ASH—1 dm, Cuzco, Corinto
BORAX—1 sk, Cuzco, San Jose de Guatemala
CALCIUM CHLORIDE—51 dms, Este, Koein
CARBON BISULPHIDE—10 dms, Djambi, Manila; 20 dms, Cuzco, Corinto
CEMENT, FLOOR-COVERING—3 cs, 5 pls, Besholt, Peiping
RADIATOR—12 cs, La Placentia, Vancouver
ROOF—(Manoeran) 2 dms, Capetown; 5 cs, Manoeran, Port Elizabeth; 3 dms, 200 pls, 17 cs, Durban
VULCANIZING — (Manoeran) 20 cs, Port Elizabeth; 5 cs, East London; 20 cs, Durban; 10 cs, Capetown
CHALK, PRECIP—1 bbl, Cuzco, Corinto
CHARCOAL—2,000 sks, Manoeran, Durban
CHEMICALS—(Djambi) 10 dms, Jellelton; 14 dms, Singapore; 14 dms, Port Swettenham; 20 dms, Penang; 10 dms, Manila; (Adrastus) 4 kgs, 8 cs, Shanghai; 20 dms, Bangkok; 1 cs, Cuzco, Oruro
DRY—6 cs, Djambi, Singapore
CINNAMON—(Cuzco) 20 bls, La Union; 3 bls, Puntarenas; 20 bls, Amapala; 1 bl, San Miguel
CLAY—1 sk, Manoeran, Capetown
CLEANER, AUTO—5 cs, Djambi, Bahrein; 1 cs, Cuzco, Guatemala City
LIQ—(Manoeran) 20 bbls, 50 cs, Capetown; 100 bbls, 100 cs, Durban; 50 bbls, 100 cs, Lourenco Marques; 10 bbls, 75 cs, East London; 10 bbls, 75 cs, Port Elizabeth
CLOVES—1 sk, Cuzco, Amapala
COALTAR—6 dms, Cuzco, Guatemala City
COLOR, DRY—2 cs, Djambi, Madras; (Cuzco) 18 cs, 54 kgs, 3 bbls, Guatemala City; 29 cs, San Jose de Costa Rica
CREOSOTE—4 dms, Djambi, Saudi
CUMIN SEED—(Cuzco) 4 sks, Amapala; 1 sk, San Miguel
CUTTLEFISH BONE—1 sk, Cuzco, San Jose de Guatemala
DRESSING, AUTO-TOP—6 cs, Djambi, Bahrein
EMULSION—25 pls, 2 cs, Manoeran, Capetown
FILLER, WOOD—(Manoeran) 4 cs, Capetown; 3 cs, Salisbury; 1 pl, Cuzco, Guatemala City
FLAVORING EXTRACT—3 cs, Manoeran, Port Elizabeth
FLY SPRAY—12 cs, La Placentia, Vancouver
FULLER'S EARTH—3,500 sks, Cuzco, Talara
GASOLINE—(Beeholt) 400 dms, Kobe; 300 dms, Yokohama; 5,300 bbls, Aobasan, Yokohama; 42,313 bbls, Bahrein, Manila-Cebu; (Cuzco) 50 cs, La Union; 2,500 dms, Puntarenas
GLASS, WINDOW—1 cs, Djambi, Ras Tanura
GLUCOSE—60 bbls, Adrastus, Hongkong
GREASE, LUBRICATING — (Djambi) 9 pls, Persian Gulf; 3 dms, 4 pls, Singapore; 40 cs, Sourabaya-Samarang; 5 dms, Saigon; 37 bbls, Bahrein; 16 dms, 23 half dms, 110 qtr dms, 320 pls, 114 cs, La Placentia, Vancouver; (Cuzco) 24 pls, Guatemala City; 10 cs, La Union
GYPSUM—2 kgs, Cuzco, Guatemala
HOPS—5 bls, Djambi, Iloilo
INK, PRINTING—(Djambi) 5 cs, Manila; 2 cs, Pombay
INSECTICIDE—30 cs, Djambi, Al Khobar; 23 cs, Cuzco, Guatemala
LIQUID—40 dms, Manoeran, Capetown
POWDER—1 cs, Manoeran, Capetown
KEROSENE—475 tons, Adrastus, Hongkong; 27,739 bbls, Bahrein, Manila-Cebu; 1 cs, Cuzco, San Jose de Guatemala
LACQUER—(Manoeran) 1 cs, Durban; 56 cs, Johannesburg; 129 cs, Capetown; 32 dms, 40 pls, 79 cs, Salisbury; 29 cs, Durban; 33 cs, Port Elizabeth; (Cuzco) 19 cs, Guatemala City; 23 pls, Mexico City; 6 cs, San Salvador
THINNER—(Manoeran) 15 dms, Durban; 23 dms, 5 pls, Johannesburg; 200 pls, 4 cs, 5 dms, Capetown; 10 dms, 12 pls, Salisbury; 15 dms, Durban; 3 cs, Port Elizabeth; 12 dms, Lourenco Marques; (Cuzco) 2 cs, 1 dm, Guatemala City; 2 dms, Mexico City
LEAK PREP—4 cs, Cuzco, Guatemala
LEAD, RED, DRY—(Cuzco) 20 kegs, Lima; 4 dms, Guadalajara
RED IN OIL—4 cs, 5 kegs, Cuzco, Guatemala City
WHITE, DRY—2 bbls, Cuzco, Guadalajara
WHITE IN OIL—3 cs, 68 kegs, Cuzco, Guatemala City
LYE—1 cs, Cuzco, Guatemala City
MAGNESIA CARBONATE—2 sks, Cuzco, Corinto
STEARATE—4 sks, Cuzco, Corinto
MEDICINAL PREPS—(Adrastus) 2 cs, Hongkong; 1 cs, Bangkok; 1 cs, Cuzco, San Jose de Guatemala
MILK POWDER—2 cs, Este, Ciudad Bolivar; 3 bbls, Cuzco, San Jose de Guatemala
SUGAR—6 bbls, Morviken, Cuba
NUTMEGS—1 sk, Cuzco, Puntarenas
OIL, COCONUT—31 dms, Cuzco, San Jose de Guatemala
COCONUT ACIDULATED—15 dms, Cuzco, Guayaquil
CYLINDER—2 dms, Djambi, Singapore
DIESEL—6 dms, Djambi, Singapore
ENGINE—35 dms, Djambi, Singapore
FUEL—60,000 bbls, La Placentia, Vancouver
LINSEED—(Cuzco) 2 dms, Puntarenas; 2 dms, Guatemala City
LUBRICATING—(Djambi) 41 dms, 15 cs, Batavia; 48 dms, 20 cs, Sourabaya; 10 cs, 57 dms, Samarang; 130 dms, Palembang; 150 dms, Medan; 20 dms, Pangkal Pinang; 55 dms, Pontianak; 59 dms, Singapore; 1 cs, Saigon; 110 dms, Karachi; 60 dms, Madras; 3 dms, Ras Tanura; 31 cs, Al Khobar; 100 dms, Fremantle; 20 dms, 5 cs, Medan; (Manoeran) 83 dms, Capetown; 305 dms, 125 cs, Durban; 225 cs, 10 dms, Beira; 15 dms, 10 cs, Port Elizabeth; 30 dms, 80 cs, Mombasa; 196 dms, La Placentia, Vancouver; 150 dms, Adrastus, Haiphong; (Cuzco) 22 dms, 45 cs, Guatemala City; 50 dms, Valparaiso; 65 dms, Cuzco, Talcahuano; 1 dm, Champerico; 22 dms, La Union; 40 dms, 75 cs, Talcahuano; 8 dms, San Jose de Guatemala; 9 dms, Cochbamba; 65 dms, Guayaquil; 30 dms, Lima; 5 dms, Chimbote
MIXED—2 cs, Cuzco, Guatemala
RAPESEED—4 dms, La Placentia, Vancouver
SPRAYING—(Manoeran) 152 dms, Lourenco Marques; 47 dms, Capetown
TRANSMISSION—13 dms, Djambi, Singapore
TURBINE—5 dms, Djambi, Singapore
WINTERGREEN—1 cs, Cuzco, San Jose de Guatemala
PAINT—(Djambi) 28 cs, 2 dms, Madras; 114 cs, 10 dms, 40 pls, Singapore; 30 pls, 60 cs, Manila; (Manoeran) 112 pls, Johannesburg; 54 pls, 27 cs, Port Elizabeth; 3 cs, 4 dms, 7 pls, Capetown; 64 cs, 11 pls, Salisbury; 57 cs, 52 pls, 3 dms, Durban; 8 cs, East London; 1 cs, Lourenco Marques; (Cuzco) 2 kgs, 239 cs, Guatemala City; 2 dms, Champerico; 10 pls, Callao; 35 pls, Mexico City; 86 cs, 3 dms, 10 pls, San Jose de Costa Rica; 24 kgs, 7 cs, Puntarenas
ENAMEL—(Manoeran) 10 cs, Johannesburg; 12 cs, Capetown; (Cuzco) 6 cs, 12 pls, Guatemala City; 82 pls, Mexico City; 17 cs, San Salvador
PASTE—1 cs, 1 dm, Cuzco, San Jose de Costa Rica
PREPARED—5 cs, 5 pls, Djambi, Ras Tanura
REMOVER—2 cs, Manoeran, Capetown; 5 cs, Cuzco, Guatemala
THINNER—1 cs, Manoeran, Salisbury; 1 dm, Cuzco, Mexico City
PEPPER, BLACK—(Cuzco) 1 sk, La Union; 5 sks, Amapala; 1 sk, San Miguel
PETROLATUM—35 pls, 3 dms, Cuzco, Guatemala; 1 cs, Djambi, Al Khobar
PETROLEUM—(Djambi) 1 dm, Singapore; 20 dms, Bahrein; (Manoeran) 50 dms, 100 cs, Capetown; 310 dms, 120 cs, Durban
CRUDE—27,451 bbls, Daini Ogura, Yokohama; 500 tons, Brajara, Japan
THINNER—10 dms, 75 cs, Manoeran, Capetown
POLISH—(Manoeran) 4 cs, Salisbury; 10 cs, 6 pls, Capetown; 2 cs, Cuzco, Puntarenas
AUTO—24 cs, Djambi, Bahrein; 1 cs, Cuzco, Guatemala City
FURNITURE—3 cs, Cuzco, Guatemala
POTASH ALUM—1 bbl, Cuzco, La Libertad
CARBONATE—1 bbl, Cuzco, Amapala
XANTHATE—(Morviken) 5 dms, Peru; 3 dms, Chile; 33 dms, Manoeran, Lourenco Marques
PRESERVER, WOOD—6 cs, Cuzco, Guatemala
PUMICE—1 cs, Cuzco, Guatemala
PUTTY—(Manoeran) 4 cs, Durban; 18 cs, Capetown; 1 cs, Port Elizabeth; 4 cs, Cuzco, Guatemala City
PYRETHRUM EXTRACT—1 cs, Cuzco, San Jose de Guatemala
QUICKLIME—2,222 dms, Cuzco, Corinto
SHELLAC—5 pls, Cuzco, Mexico City
DRY—1 sk, Cuzco, Guatemala City
SOAP—1 cs, Cuzco, San Jose de Guatemala
FLAKE—1 cs, Cuzco, San Jose de Guatemala
SODA—50 cs, Adrastus, Shanghai
ASH—(Cuzco) 25 sks, Guatemala; 12 sks, La Libertad; 1 bbl, Amapala
BICARBONATE—2 kegs, Cuzco, Corinto
CAUSTIC—(Cuzco) 12 dms, Johannesburg; 6 dms, San Jose de Guatemala; 1 dm, Amapala; 6 dms, La Libertad
SILICATE—1 dm, Cuzco, Amapala
SOLVENT—4 dms, Djambi, Karachi; 77 dms, La Placentia, Vancouver
SULPHUR—30 bbls, Djambi, Manila; (Cuzco) 25 sks, 23 bbls, San Juan del Sur; 10 sks, San Salvador; 20 bbls, 25 sks, La Libertad
DIOXIDE—1 cs, Djambi, Saigon
FLOWERS—(Cuzco) 20 sks, La Union; 10 sks, San Jose de Guatemala
REFINED—67 sks, Cuzco, Corinto
ROLL—13 sks, Cuzco, La Union
SUNFLOWER SEED—1 sk, Cuzco, San Jose de Guatemala
SUPERPHOSPHATE—44 sks, Cuzco, Guatemala City
TALC—60 sks, Manoeran, Capetown; 10 kegs, Cuzco, Corinto
TALLOW—(Cuzco) 75 dms, San Jose de Guatemala; 10 dms, Champerico
TAPIOCA FLOUR—2 bbls, Cuzco, La Libertad
PEARL—10 sks, Cuzco, San Jose de Guatemala
TOILET PREPS—(Djambi) 1 cs, Cawnpore; 1 cs, Singapore; 9 cs, Colombo; 28 cs, Karachi; 2 cs, Bombay; 4 cs, Cuzco, Managua
VARNISH—2 cs, Manoeran, Salisbury; 1 cs, Adrastus, Manila; (Cuzco) 3 dms, 9 cs, Guatemala City; 2 dms, 20 pls, Mexico City
REMOVER—2 pls, Cuzco, Mexico City
WAX—2 cs, Cuzco, Guatemala City
AUTO—1 cs, Cuzco, Guatemala City
FLOOR—5 cs, Cuzco, Guatemala City
PASTE—1 cs, Cuzco, Guatemala City
XANTHATE—45 dms, Cuzco, Callao
ZINC DUST—42 cs, Este, Ciudad Bolivar; 93 cs Cuzco, Amapala
OXIDE—2 pkgs, Cuzco, Corinto

Savannah Exports

Clearance Dates

Algic, October 6; Fluor Spar, October 4; Monbaldo, October 6; Silverteak, September 27

CLAY—880 bgs, Fluor Spar, London
COTTON LINTERS—25 bls, Fluor Spar, Rotterdam
ROSIN—(Monbaldo) 602 bbls, Genoa; 17 bbls, Leghorn
GUM—100 bbls, 15 dms, Silverteak, Tientsin; (Algic) 250 bbls, Rio Janeiro; 425 bbls, Santos; 381 dms, 44 bbls, Montevideo; (Fluor Spar) 650 bbls, London; 30 bbls, Hull; 435 bbls, Amsterdam
SIZE, DRY—(Fluor Spar) 83 bgs, Antwerp; 402 bgs, Rotterdam
WOOD—80 dms, Silverteak, Manila; 60 dms, Porto Alegre; 100 dms, Rio Grande; 50 dms, Santos
TURPENTINE GUM—(Algic) 200 cs, Santos; 250 cs, Sao Paulo; 200 cs, Buenos Aires; (Fluor Spar) 656 bbls, London; 331 bbls, Antwerp; 1,750 bbls, Rotterdam
WOOD—38 bbls, Fluor Spar, Antwerp

Coastwise Shipments

Corpus Christi Coast Trade

OIL, FUEL—23,355 bbls, Ruth Kellogg, New York; 43,674 bbls, Paco, Fort Pierce, Fla
GAS—43,676 bbls, Dixiana, Cartaret, N J; 52,888 bbls, Chiloil, New York
PETROLEUM, CRUDE—60,783 bbls, Federal, Houston; 73,118 bbls, Dungannon, Port Neches; 76,394 bbls, Cities Service Missouri, New York; 112,340 bbls, Paco, Texas City; 27,566 bbls, Alabama, Port Neches; 74,660 bbls, Astral, New York; 32,257 bbls, Ruth Kellogg, New York; 93,476 bbls, India Arrow, Baytown; 49,945 bbls, Thermo, Texas City; 79,455 bbls, Swiftsure, Sewaren, N J; 97,675 bbls, Sunoil, Baytown; 71,965 bbls, Washington, Port Neches; 48,605 bbls, Dannedaike, Texas City

Los Angeles Coast Trade

GASOLINE—14,321 bbls, La Purisima, San Diego; 63,000 bbls, Baldbutte, Portland; 11,236 bbls, Tejon, Portland; 24,651 bbls, Edwin B de Golio, Tacoma; 14,191 bbls, La Purisima, Oleum; 8,160 bbls, San Diegan, San Diego; 75,071 bbls, Mojave, Portland; 60,000 bbls, Camden, Seattle; 31,000 bbls, Warwick, Seattle
KEROSENE—2,180 bbls, La Purisima, Oleum
OIL, DIESEL—4,524 bbls, La Purisima, San Diego; 16,000 bbls, Baldbutte, Portland; 6,849 bbls, Edwin B de Golio, Tacoma; 5,490 bbls, Edwin B de Golio, Tacoma; 6,941 bbls, Emidio, Portland; 16,000 bbls, Camden, Seattle; 12,563 bbls, Warwick, Seattle
FUEL—11,918 bbls, La Purisima, San Diego: 71,000 bbls, Pat Doheny, Martinez; 58,492 bbls, Tejon, Portland; 64,000 bbls, Baldhill, Martinez; 2,409 bbls, Coast Merchant, Portland; 24,734 bbls, La Purisima, Oleum; 60,957 bbls, Emidio, Portland; 8,949 bbls, Mojave, Portland
FURNACE—1,349 bbls, Warwick, Seattle
GAS—9,626 bbls, La Purisima, Oleum

Cargo Ship Arrivals

October 8 to October 21

New York

Agwidale	Tampico*	Oct 16
Alex Van Opstal	Antwerp	Oct 18
Alberta	Trieste*	Oct 16
American Farmer	London	Oct 17
American Merchant	London*	Oct 12
American Shipper	Manchester*	Oct 13
Ancon	Cristobal*	Oct 10
Andrea F Luckenbach	Seattle*	Oct 12
Anita	Santos*	Oct 12
Argentino	Buenos Aires*	Oct 18
Antigua	Puerto Barrios*	Oct 13
Artigas	Glasgow	Oct 17
Asosan	Yokohama*	Oct 13
Baalbek	Casablanca*	Oct 11
Balsac	Rosario*	Oct 13
Bergensfjord	Oslo*	Oct 21
Berlin	Bremen*	Oct 11
Birmania	Trieste*	Oct 20
Black Condor	Rotterdam*	Oct 17
Black Falcon	Rotterdam*	Oct 11
Black Heron	Rotterdam*	Oct 18
Boniface	Bahia*	Oct 21
Borinquen	Trujillo*	Oct 10
Bremen	Bremen*	Oct 12
Cameronia	Glasgow*	Oct 16
Carolinian	Portland*	Oct 13
Champlain	Havre*	Oct 19
Chiriqui	Puerto Colombia*	Oct 20
City of Delhi	Sydney*	Oct 13
City of Elwood	Kobe*	Oct 10
City of Newport News	Panama*	Oct 10
Coamo	Trujillo*	Oct 17
Collingsworth	Buenos Aires*	Oct 12
Conte Di Savoia	Naples*	Oct 19
Edward Luckenbach	Seattle*	Oct 13
Europa	Bremen*	Oct 19
Excambion	Jaffa*	Oct 15
Examiner	Cadiz*	Oct 15
Executive	Istanbul*	Oct 13
Fort Amherst	St John's*	Oct 12
Fort Richepanse	Havre*	Oct 18
Friesland	Manila*	Oct 10
Georgian	Portland*	Oct 21
Gitano	Hull	Oct 21
Gloucester City	Bristol City*	Oct 14
Guayaquil	Port au Prince*	Oct 17
Hansa	Hamburg*	Oct 20
Hazelside	Santos*	Oct 10
Heffron	Everett*	Oct 11
Hollywood	Portland*	Oct 17
Honolulan	Portland*	Oct 10
Horace Luckenbach	Seattle*	Oct 17
Ingerfire	Antwerp	Oct 18
Julia Luckenbach	Seattle*	Oct 20
Kinai	Hamburg*	Oct 20
Konigstein	Antwerp*	Oct 20
Laconia	Liverpool*	Oct 17
Liberty Glo	Olympia	Oct 18
Losmar	Longview*	Oct 17
Mahimahi	Honolulu*	Oct 18
Marna	Valparaiso*	Oct 13
Mexico	Vera Cruz*	Oct 11
Montanan	Tacoma*	Oct 11
Nairnbank	Calcutta*	Oct 16
Nerissa	Trinidad*	Oct 13
New Toronto	Lagos*	Oct 13
New York	Hamburg*	Oct 14
Nieuw Amsterdam	Rotterdam*	Oct 14
Normandie	Havre*	Oct 10
Orizaba	Vera Cruz*	Oct 18
Oslofjord	Oslo*	Oct 13
Parnahyba	Santos*	Oct 20
Pennland	Antwerp*	Oct 12
Pennmar	Longview*	Oct 21
Peter Kerr	Portland*	Oct 15
Peter Maersk	Manila*	Oct 11
Pipestone County	Havre*	Oct 14
Potter	Adelaide*	Oct 15
Queen Mary	Southampton*	Oct 18
Quirigua	Port Limon*	Oct 16
Rio Negro	Bahia*	Oct 10
Rydboholm	Raumo*	Oct 12
San Jacinto	Mayaguez*	Oct 13
San Juan	La Romana*	Oct 10
Santa Barbara	San Antonio*	Oct 17
Santa Clara	San Antonio*	Oct 10
Santa Elena	Curacao*	Oct 17
Santa Paula	Curacao*	Oct 10
Scaffmail	Raumo*	Oct 12
Scythia	Liverpool*	Oct 11
Seatrain Havana	New Orleans*	Oct 18
Seatrain New York	New Orleans*	Oct 11
Southern Cross	Buenos Aires*	Oct 19
Steel Scientist	Penang*	Oct 17
Tanimbar	Macassar*	Oct 15
Texan	Tacoma*	Oct 18
Texas Ranger	Houston*	Oct 10
Texas Trader	Houston*	Oct 18
Texmar	Warrenton*	Oct 20
Thule	Bahia	Oct 18
Transylvania	Glasgow*	Oct 10
Veragua	Puerto Colombia*	Oct 13
Vulcania	Trieste*	Oct 13
W R Keever	Longview*	Oct 17
West Cawthon	Port Natal*	Oct 13
Western Prince	Buenos Aires*	Oct 13
Willimoto	Longview	Oct 15

* And other ports

PETROLEUM, DISTILLATE — 69,628 bbls, Paul Shoup, Avon
SOLVENTS, CLEANING — 2,190 bbls, La Purisima, Oleum

Recent Charters

PETROLEUM—3,926 tons, S S Luzor, clean, Aruba to United Kingdom, Continent, 11s; Gulf loading, 13s; November
4,814 tons, S S Orkanger, clean, Gulf to United Kingdom, Continent, 13s; October
3,776 tons, S S Lunula, clean, Aruba to United Kingdom, Continent, 11s; Gulf loading, 13s; October
5,561 tons, S S Inverdargle, clean, Gulf to United Kingdom, Continent, 12s 6d; October
3,179 bbls, S S J J Coney, crude, Gulf to North of Hatteras, 16c, 17c and 18c; October 27
3,224 tons, S S Ruth, Gulf to Lisbon, 15s 6d; October-November
5,941 tons, S S Skaraas, clean, Aruba to United Kingdom, Continent, 10s; Gulf loading, 12s; October-November
9,000 tons, S S Aaste Maersk, dirty, Aruba to East Mediterranean, 12s 6d; November
3,215 tons, S S Beaumont, clean, Gulf to Helsingfors, 16s; November
4,022 tons, S S Minister Wedel, dirty, Aruba to United Kingdom, Continent, 10s; Gulf loading, 12s; November
5,677 tons, S S Kongsgaard, clean, Abadan to United Kingdom, Continent, 22s 6d; November
3,177 tons, S S Elsa, clean, Aruba to Dublin and Foynes, 12s; November
3,928 tons, S S Lucerna, clean, Abadan to United Kingdom, Continent, 22s 6d; November

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended October 12

Cassia oil, 5 drums; not U. S. P.
Chlorophyl, 5 kegs; restricted use.
Codliver oil, 144 drums; restricted use.
Diabetic foods, 7 cases; false and misleading statements.
Lingon berries, 28 barrels; wormy.
Medicinal preparations, 1 case; false and misleading statements.
Medicinal preparations, 5 cases; false therapeutic claims.
Medicinal preparations, 1 case; below N. F. Standard.
Medicinal preparations, 1 case; below professed standard; new drug.
Medicinal preparations, 2 cases; new drug.
Nutmegs, 11 bags; moldy.
Poppy seed, 100 bags; filthy.
Sesame seed, 87 bags; filthy.

Boston

Week Ended October 12

Lingon berries, 25 barrels; wormy.
Medicinal preparations, 5 packages; false therapeutic claims.

Buffalo

Week Ended October 12

Medicinal preparations, 2 packages; false therapeutic claims.

Los Angeles

Week Ended October 6

Medicinal preparations, 414 pieces; Sec. 501 (a) F. D. & C. Act.
Medicinal preparations, 12 pieces; false therapeutic claims.
Medicinal preparations, 240 pieces; not U. S. P. and not so declared.
Cassia, 25 bales; filthy.

Philadelphia

Week Ended October 12

Coriander seed, 200 bags; filthy.

San Francisco

Week Ended October 6

Medicinal preparations, 12 pieces; false therapeutic claims.
Medicinal preparations, 72 pieces; acetphenetidin incorrectly declared.
Medicinal preparations, 299 pieces; false therapeutic claims, also Section 505 F. D. & C. Act.
Oleomargarin, 10 cases; net weight not declared.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any direct office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Chemicals:—Agency; Antwerp, Belgium (8062).

Glue, bone:—Purchase; Rotterdam, Netherlands (8068).

Lubricating oils:—Purchase; Baghda, Iraq (8048).

Matches:—Agency; London, England (8026).

Perfumery raw materials:—Agency; Mexico City, Mexico (8075).

Petroleum Production—Motor Fuel Stocks

	Barrels 1938	Barrels 1937
	Jan. 1-Oct. 15	Jan. 1-Oct. 15
Commercial crude oil production	948,870,000	998,221,000
	Week ended Oct. 15, 1938	Week ended Oct. 16, 1937
Daily average production	3,233,100	3,571,500
	Week ended Oct. 8, 1938	Week ended Oct. 1, 1938
Estimated motor fuel stock total	68,706,000	68,602,000
Estimated finished motor fuel stock at refineries	38,016,000	38,167,000

Petroleum Solvents, Lubricants, Fuels

Crude Oil Price Changes

—Continued from page 53

25.9 at 80c. per barrel and a 2c. additional differential for each additional degree of gravity up to $1.10 per barrel for 40 and above.

Rocky Mountain

Effective October 11, Stanolind Oil & Gas Company reduced posted prices to the following levels:—Elk Basin, 90c. per barrel; Grass Creek (light) 90c. per barrel, (heavy) 40c. per barrel; Iles (light) 98c. per barrel (heavy) 92c. per barrel; Dutton Creek, 86c. for below 29 gravity 29-29.9 at 88c. and a 2c. differential for each additional gravity up to $1.10 per barrel for 40 and above; Frannie (light) 55c. per barrel (heavy) 42c. per barrel; Hamilton Dome 35c. per barrel; Midway, same schedule as Dutton Creek; Salt Creek (Tensleep) 64.6c. per barrel; Salt Creek (Except Tensleep) same schedule as Dutton Creek; Postings at Greybull-Torchlight field were discontinued.

Effective October 11, Ohio Oil Company reduced posted prices to the following levels:—Dry Creek, 92c. per barrel; Elk Basin, 90c. per barrel; Grass Creek (light) 90c. per barrel; Lance Creek, 77c. per barrel, and Rock Creek, $1 per barrel.

Texas

Humble Oil & Refining Company reduced posted prices, October 11 to the following levels:—West Texas 71c. per barrel for 24-24.9 gravity with a 2c. differential for each additional gravity up to $1.13 per barrel for 45 gravity and above; East Central Texas 78c. per barrel for 23-23.9 and a 2c. differential for each additional gravity up to 40 and above at $1.12. Gray County 72c. per barrel for 28-28.9 gravity with a 2c. differential for each additional gravity up to $1.06 per barrel for 45 gravity and above; Carson-Hutchinson County, 5c. per barrel less than Gray County throughout the schedule. West Texas and New Mexico crudes, 53c. per barrel for below 20 gravity with 20-20.9 at 55c. per barrel and a 2c. differential for each additional gravity up to 40 and above at 95c. per barrel.

Tulsa, Oct. 11.—Control-seasonal climatic conditions throughout the Middlewestern states has sustained gasoline consumption to a relatively high level during the past ten days causing a larger demand with subsequently larger shipments from refining points than is normally expected at this time of the year. Jobbers operating on lower levels of inventories—partly because of an expected decline in consumption which has not materialized and —also due to a weakened price structure have rushed orders into the market this week causing a more bouyant condition.

Reductions of nearly one cent a gallon in gasoline in many of the Middlewestern states found no reflection in the wholesale market which is firmer today than at any time during the past few weeks. The margin of gasoline inventories over those of last year has been reduced to the lowest point of the year.

The high temperatures have consequently failed to stimulate consumption of heating oils therefore deferring the price advance seasonally expected. Despite the slowness of the season, refiners report the placing of substantial orders this week and in the East Texas fields where orders for coastal shipments have been placed there was further tightness developing. In other areas the tight condition which has existed for the past few weeks was not relaxed.

GASOLINE.—Prices are steady and unchanged with U. S. motor 37/8c. to 41/8c. per gallon; 63-66 octane at 41/8c. to 43/8c. per gallon; 67-69, 41/2c. to 43/4c. per gallon, and 70-72, 43/4c. to 5c. per gallon.

NATURAL GASOLINE.—More activity and prices firm with 26-70 at 23/4c. per gallon in Oklahoma and Kansas. The 18-pound grade at 31/4c. per gallon in Oklahoma and Texas.

KEROSENE.—Despite tankwagon and retail price cuts, quotations are steady with 41-43 at 4c. per gallon, and the 42-44 at 41/8c. to 43/8c. per gallon. Trading is quiet.

DISTILLATES. — With quiet trading prices continue very strong. The No. 1 prime white 38-40 is quoted nominally 33/4c. to 4c. per gallon, with No. 2 light at 35/8c. to 37/8c. per gallon. Gas oils are 31/4c. to 33/8c. per gallon.

FUEL OILS.—Better movement as steel industry picks up but prices remain about same, quotations with the low gravities ranging from 371/2c. to 65c. per barrel up to 18 degrees in gravity and high cold test. The low cold test 24-28 is unchanged at $1 a barrel.

LUBRICANTS.—Very little change is noticeable in the various grades of bright stocks and neutrals, although there is a better tone.

Chicago, Oct. 14.—Although the tankcar gasoline market remains unsettled following general crude price reductions, reports here are that tone of the spot market is slightly steadier than last week. There still is plenty of gasoline available, however, and the market is not strong. Some observers think the groundwork is being laid for some stability at present, claiming most of the uncertainty over crude is now out of the way. Kerosene is irregular and moving in reduced quantities. The heating oils are firm at this time and subject to good pre-Winter demand. Heavy fuel oils now are doing better, with industrial requirements larger. Lubricants appear less unsettled than recently.

GASOLINE.—Low octane motor, 37/8c. to 41/8c. per gallon; 63-66 octane motor, 41/8c. to 43/8c.; 67-69 octane motor, 41/2c. to 43/4c.; 70-72 regular, 43/4c. to 5c.; 60-62, 400, 37/8c. to 41/8c.; 64-66, 375, 41/4c. to 41/2c.; 68-70, 360, 5c. to 51/4c.

KEROSENE.—42-44, water white, 41/4c. to 43/8c. per gallon; 41-43, water white, 4c. to 41/8c.

FURNACE OILS.—Range oils, 37/8c. to 41/8c. per gallon; No. 1 prime, 33/4c. to 4c.; No. 1 straw, 35/8c. to 37/8c.; No. 2 straw, 31/2c. to 33/4c.; No. 2 dark, 31/4c. to 31/2c.; No. 3, 31/4c. to 33/8c.; 32-36, dark, industrial gas oil, 27/8c. to 3c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Oct. 11.—With the exception of 68-70 octane, gasoline again reflected the slight but steady price decline evidenced during the past several weeks. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 47/8c.; U. S. motor below 62 octane at 47/8c., 63-67 octane at 51/2c., and 68-70 octane at 57/8c.—the foregoing prices being based on a per gallon rate at refinery.

Kerosene continued firm at a quoted price of 71/2c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants in this vicinity were quoted at $1.46 per barrel, delivered.

Oklahoma Oilwell Spacing Act To Be Tested in Supreme Court

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States has agreed to review the case of Patterson versus Stanolind Oil & Gas Company, involving the validity of the Oklahoma oilwell spacing act.

The royalty owner had taken action to recover from the colessee his share of proceeds from an oilwell, wherein the colessee alleged that the royalty owner was entitled only to a smaller sum because of an order entered after completion of the well under the Oklahoma well-spacing act, creating a drilling unit including separately owned land in addition to that covered by the lease. The act provides that proceeds of a well on a unit which includes two or more separately owned tracts shall be shared in the proportion that the acreage of such tracts bear to entire acreage of the unit.

The Oklahoma Supreme Court had affirmed judgment for the royalty owner for the smaller sum, holding that the well-spacing act is a valid exercise of the State's police power.

Standard Oil Company of Indiana, Whiting, Ind., has filed with the Interstate Commerce Commission a complaint against freight rates on refined petroleum products from Casper and Greybull, Wyo., to destinations in Idaho, Oregon, and Washington, charging that the rates are prejudicial to shippers at these points of origin and preferential of shippers at Montana points of origin.

Squibb Research Institute Dedicated

—Continued from page 5

Clinical Investigation

Prevention and cure of disease depend fundamentally on the study of man himself, said Dr. George R. Minot, professor of medicine in Harvard University, director of the Thorndike Memorial Laboratory, and winner of the Nobel prize in medicine. This clinical study must be conducted where patients are to be observed, he continued; it must deal with individual problems; it needs no elaborate laboratory set up; it requires men specially trained in

Dr. John F. Anderson
Vice-President, E.R. Squibb & Sons, Director of Biological Laboratories

ability to take a broad view of life and of human experience, to proceed by intellectual, rather than technical, methods.

The value of pure scientific research as a foundation or background for the clinician's functioning was emphasized by Dr. Minot. Most significant advances are made by the study of fundamental problems, he said; and therefore there is wisdom in investigations proceeding from purely morphological, chemical, or physiological motivations without reference to the immediate needs of the clinic.

Reason, developed by long training in the scientific method, was commended as a guide in clinical research, and the value of proper statistical methods was stressed. Cooperative investigations by physicians, scientists, and all type of scholars trained in different ways has a particular value, Dr. Minot said. With this he coupled cooperation by men in different institutions, fruitful if spontaneous, but sterile when compelled.

The appreciation of social responsibilities, illustrated by the Squibb institute in its typifying of a trend in industrial laboratories was stressed by Dr. Russell M. Wilder, of the Mayo Foundation. He urged a larger study of man, rather than lower animals, in the field of pharmacology and pathology. Better control and direction of hospital experiences he considered desirable, and the development of clinical research attacking problems of human therapeutics with a precision of method equal to that in which the biologist is disciplined and combining medicine and biology.

Dr. Wilder advised the greatest care in keeping free from prize-seeking in medical research, and pointed out the desirability of industrial laboratories avoiding all suspicion of commercial considerations.

Broad Search for Truth

In an interesting address, "The Usefulness of Useless Knowledge," Dr. Abraham Flexner, director of the Institute of Higher Studies, Princeton University, paid tribute to the men who, in discoveries of no immediate practical value, had laid the foundations of useful progress, men who had worked largely out of curiosity without thought of use. From chemistry, physics, medicine, and other sciences he drew many examples of such contributions to the useful knowledge practically applied by others of a different bent. Dr. Flexner deplored the distructive purposes to which numerous useful discoveries were being devoted.

His philosophy in relation to research was expressed thus:—

What then must be the spirit and policy determining the course of the new Squibb institute? The answer is easy: the fearless and unhampered search for truth, the unlimited cultivation of the natural curiosity of human beings within the field of science. It is almost certain that efforts aiming at the immediately practical will fail unless they are based upon a long succession of experiments and endeavors that have no such practical use in mind. Unquestionably, disinterested scientists have accumulated knowledge which can and should be brought together for the purpose of relieving suffering, as happened, for example, in the case of insulin.

The history of science for two thousand years proves conclusively that no one can foretell or predict or plan the outcome of the untrammeled roving of the human spirit, searching for truth and truth alone. Whether these practical results shall be good or ill is no concern of those who have founded this institution. That is something that depends upon civilization.

Civilized men will resolutely refuse the ill and embrace the good and, unless the world can be governed by the ideals of civilization, nothing can save it from ultimate destruction. If the destination of the efforts made in the great German universities and the great German research institutions are to be determined by madmen like Hitler or bullies like Mussolini, the world will sooner or later destroy itself.

If the destination of these resources is to be determined by the spirit and ideals

Dr. George A. Harrop
Director, Squibb Institute for Medical Research

of the men who have founded this laboratory and the men who are enlisted in it, then we can look forward to a world in which peace and beauty and health and all the other good things of the human spirit may determine the conduct and the character of our lives.

Let us therefore continue our quest for the useless as well as the useful, confident that in the long run both will inure to the benefit of humanity, as they have already done in the instances which I have given earlier in this address.

Various examples of the beneficial coordination and cooperation of biology and medicine were presented by Prof. August Krogh, director of the department of animal physiology in the University of Copenhagen and a winner of the Nobel prize in medicine. He made particular mention of the work of pharmaceutical houses—Merck, Sandoz, Hoffman-la Roche, Leo, Carlsberg, Burroughs-Wellcome. The Squibb institute, he predicted, would rank with these in the value of its contributions to human well-being.

Prof. Krogh was presented with an honorary degree of doctor of science by Dr. Robert Clarkson Clothier, president of Rutgers University, by which the degree was awarded.

Staff of the Institute

The scientific staff of the Squibb Institute for Medical Research is headed by George A. Harrop, M.D., as director. His associate in the division of internal medicine is S. Ansbacher, D.Sc.

The personnel of the other divisions is as follows:—

Pharmacology—Head, H. B. van Dyke, Ph.D., M. D.; associates, B. F. Chow, Ph.D., R. O. Greep, Ph.D.; assistant, N. Tupikova, Ph.B.

Bacteriology and virus diseases—Head, G. W. Rake, M.B., B. S.; associates, A. E. O. Menzel, Ph.D., M. F. Shaffer, Ph.D.; assistants, F. R. Gillum, M. S., C. McKee, M. E. Shipp, M. A.

Chemistry—Head, E. Fernholz, Ph.D.; associates, H. MacPhillamy, M.Ch., H. E. Stavely, Ph.D.

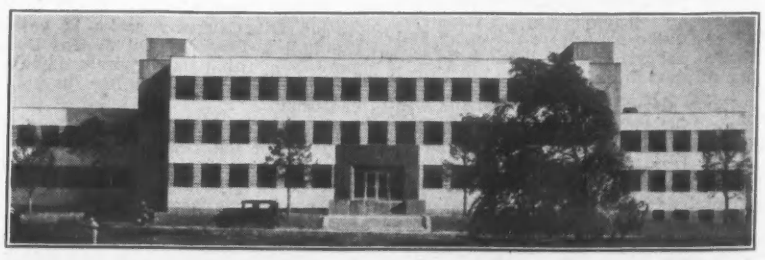
Biochemistry laboratory — Associate in charge, H. Jensen, Ph.D.; assistant, S. Tolksdorf, Ph.D.

Medicinal chemistry laboratory— Associate in charge, W. Lott, M.Sc.; associate, F. H. Bergeim, Ph.D.

Vitamin laboratory—Head, Archie Black, Ph.D.; R. D. Greene, Ph.D.; H. L. Sassaman, M. S.

Endocrinology laboratory—Head, J. A. Morrell, Ph.D.; J. S. DeFrates, Ph.D., G. W. Hart, M. S.

Biological development and assay laboratory—Head, H. A. Holaday, A. B.; B. G. Thomas, M. S., S. J. Kroh, B.S., C. H. Howard, Ph.D., J. Costillo, B. S.



The Squibb Institute for Medical Research

Bids Wanted

Acid, Chromic:—1,500 pounds; Supply Officer, Puget Sound Navy Yard, Bremerton, Washington; requisition 9-2941 S & A, opening October 27.
Sulphuric:—600 tons; U. S. Engineer Office, Navy building, Washington; procurement 21, opening October 25.
Bleaching Material:—12,250 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-111, opening October 21.
Enamel:—5,000 gallons green bake oven; Superintendent of Industries, U. S. Northeastern Penitentiary, Lewisburg, Pa.; procurement 593, opening November 15.
Ferric Oxalate:—100 pounds; Supply Office, Navy Yard, Philadelphia; requisition P-402 NSA, opening October 19.
Gasoline:—Supplies for West Coast aviation; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 4656, opening October 27.
Supplies for East Coast aviation; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 4655, opening October 25.
Supplies for region 6 during period January 1 to March 31; Bureau of Supply, Treasury Department, Procurement Division, Washington; procurement 15995, opening October 28.
Supplies for region 2 during period January 1 to March 31; Bureau of Supply, Treasury Department, Procurement Division, Washington; procurement 15991, opening October 24.
Supplies for region 3 during period January 1 to March 31; Bureau of Supply, Treasury Department, Procurement Division, Washington; procurement 15992, opening October 28.
Supplies during period January 1 to March 31, region 4, Bureau of Supply, Treasury Department, Procurement Division, Washington; procurement 1559-39G, opening October 24.
Supplies during period January 1 to March 31, region 5; Bureau of Supply, Treasury Department, Procurement Division, Washington; procurement 15594-G, opening October 26.
Geraniol:—4,813 pounds for Bloomfield, N. J.; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 3868; opening October 21.
Iron and Ammonium Citrate:—200 pounds; Supply Office, Navy Yard, Philadelphia; requisition P-402NSA, opening October 19.
Kerosene:—20,000 gallons; Navy Purchasing Office, Federal building, New York; schedule 2633, opening October 18.
Oil, Asphaltic:—24,490 gallons; State Procurement Office, Treasury Department, Newark, N. J.; procurement 26618; opening October 18.
Fuel:—100,000 gallons bunker A; U. S. Engineer Office, Park Square building, Boston; procurement 36, opening October 18.
Supplies for Boston, Norfolk and Yorktown; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 4701, opening October 27.
Supplies, region 3, during three or six months' period; Bureau of Supply, Treasury Department, Procurement Division, Washington; procurement 16132FO, opening October 21.
Supplies during a three or six months' period, beginning January 1, region 1; Bureau of Supply, Treasury Department, Procurement Division; procurement 16191-FO, opening October 21.
Potash Ferricyanide:—200 pounds; Supply Office, Navy Yard, Philadelphia; requisition P-402 NSA, opening October 19.
Soap, Chip:—52,500 pounds; Bureau of Supply, Treasury Department, Procurement Division, Washington; procurement 4696-S, opening October 26.
Soda Oxalate:—200 pounds; Supply Office, Navy Yard, Philadelphia, Pa.; requisition P-402 NSA, opening October 19.
Sulphate, Anhydrous:—5,000 pounds; Chief Procurement Section, National Park Service, Bureau of Buildings Management, Interior building, Washington; opening October 17.

Jefferson Lake Oil Co. Broadens Sulphur Output

The Jefferson Lake Oil Company, American sulphur miner since 1932, is now producing over 1,000 tons of sulphur per day from the famed Clemons dome, which it started to operate in May, 1937, according to A. A. Mayer, executive vice-president and general manager of the company, whose headquarters are located in New Orleans, and who was interviewed in this city, where he is stopping at the Hotel Commodore.

From January to September this year the company's Clemons dome, which is located in Barzoria county, Texas, yielded an average of better than 600 tons of pure sulphur per day. During August and September the company's plant capacity was increased 25 percent and on October 1 the company stepped up production and is now producing over 1,000 tons daily from the extensive Clemons deposit.

According to Mr. Mayer, Jefferson Lake's production since it began operations at Clemons has exceeded 300,000 tons and the company's stocks above the ground are now in excess of 100,000 tons of sulphur of unsurpassed color and purity. Proved deposits at the Clemons dome property indicate that Jefferson Lake will have a sufficient supply of sulphur for domestic and foreign consumption for many years to come.

The company's plant is only fourteen miles distant from the coastal shipping port of Freeport. The Jefferson Lake Company has excellent facilities for coastwise and export movement of sulphur from the Gulf ports of Freeport, Galveston and Texas City and has advantageous deep water berthing facilities for private vessels at all of these Texas ports, a service that is unique in the marketing of American sulphur. Because of the proximity of the company's mines and plant to the Gulf seaboard, the Jefferson Lake Company is in a position to enjoy equal transportation rates with other mines in Texas and Louisiana for the shipment of sulphur in interstate or intrastate commerce.

Fertilizer Materials

Markets at Other Centers

—Continued from page 56

$42.50; beef cracklings, soft pressed, $30 to $32.50; hard pressed cracklings, per unit of protein, 62½c. to 65c.

San Francisco, Oct. 11.—Hand-to-mouth trading in organic products, was of very small consequence in the general crude fertilizer materials market here last week. Animal and fish materials slipped slightly in their price position, while the balance of the market, relating to chemicals, was something to cause no comment. Deliveries in a few cases were proceeding quietly on their way, but the volume movement for the Fall period had not opened up as yet.

Ruling prices were:

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland points, delivered, $1 per ton extra. Prices in effect through June, 1939.

NITRATE OF SODA.—100-pound bags, $29 per ton ex-vessel or warehouse. 200-pound bags, $28.30 per ton ex-vessel or warehouse.

SUPERPHOSPHATE.—Domestic 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P. A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal quoted on the basis of $36 per ton, f.o.b. cars, Monterey and $37 per ton, f.o.b. cars San Francisco Bay.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted on the basis of $2.60 and 10c. per unit-ton, f.o.b. cars, San Francisco. High grade, quoted at $3.10 and 10c. Dry rendered, ground, quoted at $35 per ton, f.o.b. cars; unground, dry rendered, quoted at 55c. per unit of protein.

BLOOD MEAL.—Domestic, $2.70 per unit, f.o.b. cars, San Francisco.

WPA Used $22,023,000 Worth of Chemicals

Chemicals and allied products valued at $22,023,000 have been purchased for projects of the Works Progress Administration during the first three years through June 30, 1938. Of the $22,023,000, chemicals and explosives accounted for $8,999,000, and paints and varnishes, $13,024,000. Purchase of petroleum products in the same period were valued at $16,384,000.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 59 John Street, New York

Agencies Wanted

ESTABLISHED Cincinnati firm, covering part of Ohio and also Louisville, Kentucky, would be interested in representing producers of raw materials for the paper, soap, paint, rubber, ink or other industries. BOX 145, Oil, Paint and Drug Reporter.

MR. MANUFACTURER; we offer you a productive sales force in metropolitan New York for chemicals, oils and raw material. Also, storage, delivery and packing facilities if needed. BOX 148, Oil, Paint and Drug Reporter.

Buildings Offered

BRICK BUILDING 40 x 100, concrete floor 16 foot headroom, high pressure boiler, sprinklers, office, laboratory. Unrestricted district 20 minutes to Manhattan. Low rent. The R. L. Kraft Company, Woolworth Building, COrtlandt 7-9377.

Capital Offered

INDUSTRIOUS EXECUTIVE of highest reputation would invest $25,000 in reputable and profitable business requiring capital and capable services for expansion. Location immaterial. BOX 146, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS.—Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Offered

FROM PLANT liquidations—Four 6-foot diameter Buffalo vacuum crystallizers; jacketed agitator vacuum stills from 25 to 2,000 gals., glass lined and steel; storage tanks from 25 to 2,000 gals.; glass lined and steel; 3 ft. x 15 ft. rotary vacuum dryer; Hardinge mill, 6 ft. x 36 in.; pebble and jar mills from laboratory to 250 gals. capacity; filter presses up to 36 in. square; Stedman 42-in. disintegrator; W. & P. jacketed mixer, size 15; tablet machine, ½ in. to 2 in., single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listings. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

TRUSTEE LIQUIDATING paint and chemical machinery. Offer drum cleaning machine, mixers for paints, powders, etc., all types, jacketed kettles, pumps, varnish kettle and truck, varnish cooking equipment, roller mill, powder packaging and weighing machine, kneading and mixing machines, label pasting machine, Hammer mill, tanks, grinder, laboratory centrifuge, stills, testing ovens, heaters, etc. Mimeograph machine. Write for prices and pictures. BOX 133, Oil, Paint and Drug Reporter.

Equipment Wanted

VACUUM DRYER, twelve to twenty shelves, with pump and condenser. Mixer, No 3 Day Cincinnatus type. Porcelain lined mill, twenty pound capacity. Coating pans, thirty-six inch; polishing pans. Excel Pharmacal Co., 22 East 21st street, New York.

Materials Offered

EGG ALBUMEN flake technical, approximately 8,000 pounds. Slightly off in color and odor. Suitable for textile, tanning, and other industrial use. Price 40c. per pound. Inquire Thompson Hayward Chemcal Company, Kansas City, Mo.

Materials Offered

WE OFFER minerals in quantity: andalusite, anorthite, arsenopyrite, azurite, bauxite, barytes, bentonite, brucite, garnotite, chalcopyrite, cyanite, columbite, fluorspar, gadolinite, garnet, mica (ground), molybdenite, nephelite, olivine, pollucite, rhodocrosite, rhodonite, selenite, silvery sericite, pink sericite, vanidinite, wollastonite, wulfenite. BOX 149, Oil, Paint and Drug Reporter.

HAVE MANGANESE ore and processes to treat same; want organization to ship the high grade and convert low grade into valuable Manganese products, sulphate, dioxide and others. BOX 353, Erwin, Tennessee.

Positions Vacant

SALESMEN — Familiar with packers of chemicals, varnishes, insecticides, polishes and specialties to sell tin containers, plain and lithographed for Jersey, Philadelphia, New York City and New England States. Prominent and well rated manufacturer. Past experience not necessarily selling containers. Salary and cooperation. BOX 147, Oil, Paint and Drug Reporter.

Positions Wanted

SALES EXECUTIVE, successfully identified with chemical and allied interests for twenty years, offers his services in any capacity where out of the ordinary capabilities or unusual combination of training and experience is required. BOX 143, Oil, Paint and Drug Reporter.

PHARMACEUTICAL and biological detail man with an established record for dependability. A-1 experience, wishes to connect with reliable firm offering opportunity for advancement. First class references. BOX 150, Oil, Paint and Drug Reporter.

Positions Wanted

EXPERIENCED SALES executive desires executive or sales position with drug, cosmetic, or brush manufacturer. Thoroughly acquainted with wholesale drug and dry goods, chain drug and department stores in the East, South and Southwest. Pharmacy graduate. Am married, forty-two years old, of good character and personality. Prefer to locate in or near Atlanta, Ga. BOX 144, Oil, Paint and Drug Reporter.

PRINTER, seeks employment, 15 years in charge, labels, folding boxes, private plant, buyer. F. Hale, 64 Tonnele avenue, Jersey City, N. J.

PHARMACEUTICAL CHEMIST—Columbia graduate, B. S. 1936, single, age 23, desires position as pharmaceutical or analytical chemist; experienced in analysis and assay of pharmaceuticals and chemicals. BOX 151, Oil, Paint and Drug Reporter.

Services Offered

CHEMISTS and chemical engineers—If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

PROCESSES developed. Products analyzed. Clarence P. Harris, 174 Madison avenue, New York, N. Y. LExington 2-7378.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

PROFIT INSURANCE

Decrease your production costs and increase your profits by using more efficient equipment*. Consolidated's Guaranteed Good Rebuilt Machinery is good "Profit Insurance."

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**See "Equipment Offered" above, for our Classified Listings.*

Trade Briefs

Governor E. W. Marland, of Oklahoma, left October 7 for a business trip to Mexico.

National Lubricating Grease Institute will hold its sixth annual meeting in the Blackstone hotel, Chicago, October 3 and 4.

Lion Oil Refining Company stockholders will vote on a plan involving the merger and consolidation of the E. L. Smith Oil Company.

Ashland Oil & Refining Company plant, near Catlettsburg, Ky., was damaged to the extent of $20,000 by three explosions October 3.

Cities Service Oil Company ordered the closing October 1 of the wax plant of its Okmulgee, Okla., refinery because of depressed refinery market.

Socony-Vacuum Oil Company has acquired from the Sun Oil Company 23,435 shares of capital stock of Martin & Schartz, Inc., pump manufacturer, for $110,000.

Ohio Oil Company refinery in Robinson, Ill., was fired from an explosion in the light finishing department September 28. Damage was estimated at $250,000.

Deep Rock Oil Corporation has taken over the pipe line gathering system of the Tidewater Associated Oil Company in the Cushing and Drunright areas in Oklahoma.

Eagel Picher Mining & Smelting Company, a subsidiary of the Eagle-Picher Lead Company, is opening mines at Wentworth Mo., which are for the production of low grade lead and zinc ores.

California Natural Gasoline Association was addressed October 6 by D. W. Wilson, of the M. W. Kellogg Company, New York, on "Low Temperature Recovery of Casinghead Gasoline, and Thermal Polymerization."

Lester G. Ott, vice-president and general operating manager, and Robert H. Hadley, vice-president in charge of sales and merchandising, have been elected directors of the United Cigar-Whalen Stores Corporation.

Consolidated Oil Company, Wichita Falls, Tex., has filed a registration statement with the Securities Exchange Commission covering 10,000 shares of $10 per common stock to be offered to the public at $11.50 a share.

Manuel Hendler, president of the Hendler Creamery Company, Baltimore, entertained September 29 at his shore place on the Severn river the members of the Wedgwood Club who are engaged in the drug and allied trades.

Saltmount Oil Company, controlled by the Midwest Oil Company and the Mountain Producers Corporation has purchased F. J. Gravis and Doran Brothers, Inc., holdings in the north Sweden field of Duval county, southwest Texas, for $925,000.

Eugene E. Nice Company, paint manufacturer, Philadelphia, has gone into voluntary bankruptcy, listing liabilities of $115,775, and assets are $365,743.

Archer - Daniels - Midland Company subsidiary, William O. Goodrich Company, Milwaukee, reopened its soybean processing plant October 10, following a shut-down of more than six months.

Cleveland Paint, Varnish and Lacquer Association held a clam bake Sept. 23 at the Pine Ridge Country Club. A golf tournament was held in the afternoon. Milton K. Pine, of Chicago, addressed the club and talked about national association activities.

Standard Oil Company of New Jersey has sold to the Trebor Realty Company two parcels of land containing 135 acres located between the National Docks branch of the Lehigh Valley Railroad, the Federal Creosoting Company and New York bay, Bayonne, N. J.

J. Kenneth Laird, vice-president of the Weco-Products Company, Chicago, has been named chairman of the national attendance committee for the 1939 convention of the Advertising Federation of America, to be held June 18 to 20 in this city.

J. Stevens, of the Tidewater Associated Oil Company, and Drexel Dana, of the Richfield Oil Company, addressed recently the classes in oil technology at the Bakersfield High School, Bakersfield, Calif., which are held twice weekly as part of the night school work.

Clean up and paint up campaign in Lubbock, Texas, resulted in 10,423 painting and decorating jobs, with the use of paint and varnish in the Lubbock campaign amounting to $69,421.

The Southern Lacquer Company, Baltimore, is replacing the brick front with one of glass brick.

Harry Gorov, trading as Isabella Laboratories, Hartman Wholesale Drug Company, and the Hartman chain of retail drug stores, all of Chicago, has been charged by the Federal Trade Commission with the dissemination of false advertising containing misrepresentations as to the safety with which a weight reducing remedy desigated "281" may be used.

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419 Lafayette St. F M G LIQUIDATORS APPRAISERS
New York, N.Y. Cable: EFFEMCY

Tanners Council Meeting In Chicago October 20-21

The Tanners' Council of America will hold its twenty-second annual meeting October 20 and 21 in the Palmer house, Chicago. John C. Gall, associate counsel for the National Association of Manufacturers, will discuss "Labor Relations Here and Abroad." Thomas W. Howard, of the United States Chamber of Commerce, is scheduled to speak on the "Federal Wage and Hour Law," and Floyd Y. Keeler, president of the Commodity Exchange, this city, will talk on "Tanners' Use of Hide Futures Market."

'Indian Territory' Injunction Accepted by Supreme Court

OPD Washington Bureau
October 10, 1938

The Supreme Court of the United States has refused to review the case in which the Indian Territory Illuminating Oil Company seeks to enjoin the Indian Territory Oil & Gas Company from using its corporate name or a name sufficiently similar to cause confusion.

The United States Circuit Court of Appeals for the Tenth Circuit affirmed the injunctive decree, holding that "Indien Territory," although a geographical name, has acquired a secondary meaning as to the plaintiff and its business, and that the junior user should be enjoined, even though the plaintiff and the defendant are not competitors.

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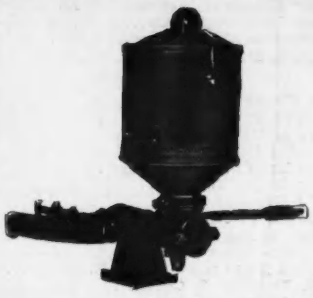

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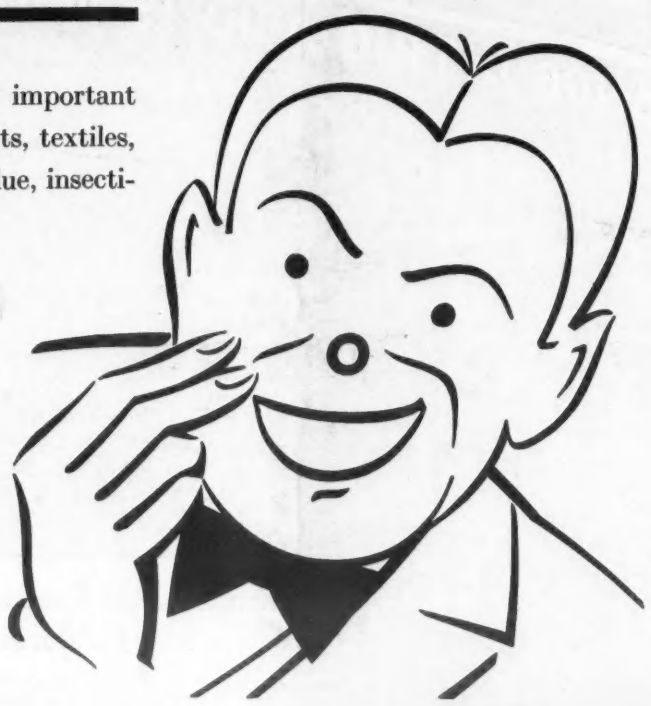

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